Yahoo Group Archive:
atlas_radio

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2017. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2001-09-08 through 2017-01-06

Source WARC: atlas_radio.1eFLdbH.warc.gz

Source item: https://archive.org/details/yahoo-groups-2017-03-04T15-22-24Z-1e9bd8

Messages included in this PDF: 1566

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. New Member

Yahoo group: atlas_radio
Date: 2001-09-08 07:08:14 UTC
From: Kevin B. G. Luxford
Topic: 1 Message: 1

Hi all,

I have just joined the group.

I have had my Atlas 210X since about 1979. A great rig.

Pity Atlas went out of business.

Kevin
VK3DAP

2. Re: New Member

Yahoo group: atlas_radio
Date: 2001-09-08 14:24:35 UTC
From: Jim Strohm
Topic: 1 Message: 2

Hi Kevin

Welcome aboard. Everything's new here -- since yesterday. Tell all your friends about us! Right now, membership is wide open and I'd like for everybody to have a good time.

I have some Atlas data comin' as soon as I have the time to dig it out and scan it.

73

Jim N6OTQ

3. Test first message

Yahoo group: atlas_radio
Date: 2001-09-08 17:38:52 UTC
From: Dan W. Dooley
Topic: 3 Message: 3

I'll comment more if this one gets through. Don't want to waste typing otherwise.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@...
Web site: http://www.qsl.net/wb9tka
SOC #198, FPQRP # -104
May Goddes love blest ye alle
"Ancient Pistol, I do partly understand your meaning."

4. 210X used here

Yahoo group: atlas_radio
Date: 2001-09-08 17:47:26 UTC
From: Dan W. Dooley
Topic: 4 Message: 4

Bought my 210X in 1980. It was used when I bought it, but it worked very
well. I used it mobile for a number of years around Texas and Oklahoma.
Antenna was (is) a Hustler mobile. Only had at that time, resonators for
40, 15 and 10.

Eventually I started having some frequency drift problems on 40 metres.
I'll probably post additional messages related to that problem later.

The Atlas has not been used in a number of years as it's been replaced as a
mobile by another rig. I still have it though, and hope to get back into
full operating condition in the near future.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@...
Web site: http://www.qsl.net/wb9tka
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5. test

Yahoo group: atlas_radio
Date: 2001-09-08 19:23:20 UTC
From: Murray Grandy
Topic: 5 Message: 5

New member testing.
Murray Grandy
VE7MGY
****
PS. I will be looking for info only. Not trying to sell anything. I only have one Atlas Radio, Model 215X. It was given to me because the owner hooked up the power reversed. I have received all kinds of info on what to look for. Not sure when I will get to working on it.

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.277 / Virus Database: 146 - Release Date: 9/5/01

6. Atlas Modifications

Yahoo group: atlas_radio
Date: 2001-09-09 03:50:18 UTC
From: KevoDownUnder
Topic: 6 Message: 6

I thought that I would kick off with a request. Does anyone know of a file of mods for the Atlas 210X? I have used Google so far without success.

Regards to all,

Kevin
VK3DAP

7. Re: [atlas_radio] Atlas Modifications

Yahoo group: atlas_radio
Date: 2001-09-09 11:51:04 UTC
From: Dan W. Dooley
Topic: 6 Message: 7

Kevin, it seems to me I did some looking a couple of years ago on some Web
link somewhere dealing with radio mods and found nothing.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@...
Web site: http://www.qsl.net/wb9tka
SOC #198, FPQRP # -104
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----- Original Message -----
From: "KevoDownUnder" <kevodownunder@...>
To: "Atlas Radio" <atlas_radio@yahoogroups.com>
Sent: Saturday, September 08, 2001 10:50 PM
Subject: [atlas_radio] Atlas Modifications

> I thought that I would kick off with a request. Does anyone know of a
> file of mods for the Atlas 210X? I have used Google so far without
> success.
>
> Regards to all,
>
> Kevin
> VK3DAP

8. Re: Atlas Modifications

Yahoo group: atlas_radio
Date: 2001-09-09 12:16:20 UTC
From: Jim Strohm
Topic: 6 Message: 8

--- In atlas_radio@y..., KevoDownUnder <kevodownunder@o...> wrote:
> I thought that I would kick off with a request. Does anyone know of a
> file of mods for the Atlas 210X? I have used Google so far without
> success.

Since the Atlas isn't microprocessor-controlled, there aren't a lot of mods possible (like "cut the green wire for general-coverage transceive", for example). A couple of things I've found:

There is a separate oscillator for each band, and you can move the band up or down a considerable way before you run out of room on the filters. Not sure whether 10 meters can be pulled down to 12 meters, but it CAN be pulled halfway there.

A common failure mode: The contacts on the T/R relay oxidize. This is probably the first thing to go wrong on an Atlas, and probably should be checked on every uit, especially one that seems dead on TX or RX, or both.

Another problem point: Most of the ICs are socketed by soldering cheezy individual pin sockets into the PC boards. If you've got a board out for repair, it's pretty simple to remove these kludges and put in a low-profile machine-pin socket.

Although I haven't experimented with this, I suspect it would be feasible to add AM by diode-switching a different resistor across the carrier-level pot. You would get a carrier with one sideband, which sounds OK as AM ... at the expense of some output power, of course.

Have fun!

Jim N6OTQ

9. Replying to the group

Yahoo group: atlas_radio
Date: 2001-09-09 13:35:55 UTC
From: Dan W. Dooley
Topic: 9 Message: 9

Well apparently I'm in the group. I'm getting messages. I've sent messages from this address. I get two copies. One to this address and one I see on the Web based board.

Still, I tried to reply to one on the Web based board (at Yahoo) and it said I can't post to that group. Looks like something's wrong with my subscription preferences.

Anyhow, I was wanting to comment on Jim's note. You said that there are separate oscillators for each band. By that did you mean fully separate complete oscillator circuits, or more likely - I think - mean the tuning parts of the one oscillator circuit? Just wondering if there might be different versions out there.

My 210X has one oscillator. With one main tuning cap and one big coil. There are small tank circuits consisting of small coils, fixed caps, and small glass tubular trimmer caps. One each per band.

Just wanting to make sure I don't have something different here.

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@...
Web site: http://www.qsl.net/wb9tka
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10. Re: [atlas_radio] Re: Atlas Modifications

Yahoo group: atlas_radio
Date: 2001-09-09 13:47:50 UTC
From: Kevin B. G. Luxford
Topic: 6 Message: 10

Jim,

Thank you very much for this. The old Atlas has been lying fallow for
about 15 years - I mainly use an ICOM 729, but I want the Atlas for
vacation work.

Your posting has given me a nuber of things to watch for.

73
Kevin
VK3DAP

Jim Strohm wrote:
>
> --- In atlas_radio@y..., KevoDownUnder <kevodownunder@o...> wrote:
> > I thought that I would kick off with a request. Does anyone know of a
> > file of mods for the Atlas 210X? I have used Google so far without
> > success.
>
> Since the Atlas isn't microprocessor-controlled, there aren't a lot of
> mods possible (like "cut the green wire for general-coverage
> transceive", for example). A couple of things I've found:
>
> There is a separate oscillator for each band, and you can move the
> band up or down a considerable way before you run out of room on the
> filters. Not sure whether 10 meters can be pulled down to 12 meters,
> but it CAN be pulled halfway there.
>
> A common failure mode: The contacts on the T/R relay oxidize. This
> is probably the first thing to go wrong on an Atlas, and probably
> should be checked on every uit, especially one that seems dead on TX
> or RX, or both.
>
> Another problem point: Most of the ICs are socketed by soldering
> cheezy individual pin sockets into the PC boards. If you've got a
> board out for repair, it's pretty simple to remove these kludges and
> put in a low-profile machine-pin socket.
>
> Although I haven't experimented with this, I suspect it would be
> feasible to add AM by diode-switching a different resistor across the
> carrier-level pot. You would get a carrier with one sideband, which
> sounds OK as AM ... at the expense of some output power, of course.
>
> Have fun!
>
> Jim N6OTQ

>
>
> To unsubscribe from this group, send an email to:
> atlas_radio-unsubscribe@yahoogroups.com
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

11. Re: Replying to the group

Yahoo group: atlas_radio
Date: 2001-09-09 14:42:12 UTC
From: Jim Strohm
Topic: 9 Message: 11

--- In atlas_radio@y..., "Dan W. Dooley" <dandooley@p...> wrote:

To clarify -- there's one VFO that controls where you are on each band, and separate tuning points that control where each band-spread lands.

I don't have the schematic in front of me right now, but I recall that the 210/215 use some very creadive oscillator-switching methods to give the frequencies of interest. Regardless of whether each is a separate oscillator or whether the tuned circuits are switched, you can access the tuner slugs for each band thru the top of the rig, thru the holes in the top of the plastic tuner dial.

Pretty easy to figure out.

Problem is, you can only have the dial in the exact spot where the hole for each band tune slug lines up witht he slug, so it's handy to have a calibrated sig gen and freq counter to see where you are.

The VFO tuning affects every band -- I wouldn't touch it unless you're seeing some really off-scale stuff. The band tuning slugs affect ONLY the band of interest, and can be tinkered with to your heart's content, consistent with legal operation or your own personal pucker-factor for the potential of out-of-band operation.

Jim N6OTQ

And -- it is appropriate to place a figure of the Goddess on your Atlas. She would like to earn DXCC too.

> Anyhow, I was wanting to comment on Jim's note. You said that there are
> separate oscillators for each band. By that did you mean fully separate
> complete oscillator circuits, or more likely - I think - mean the tuning
> parts of the one oscillator circuit? Just wondering if there might be
> different versions out there.
>
> My 210X has one oscillator. With one main tuning cap and one big coil.
> There are small tank circuits consisting of small coils, fixed caps, and
> small glass tubular trimmer caps. One each per band.
>
> Just wanting to make sure I don't have something different here.

>
> Dan W. Dooley WB5TKA Bedford, Texas EM12ku

12. Re: [atlas_radio] Re: Replying to the group

Yahoo group: atlas_radio
Date: 2001-09-09 18:23:16 UTC
From: Dan W. Dooley
Topic: 9 Message: 12

I haven't touched my Atlas in at least a couple of years now. I had it open on the bench for awhile trying to troubleshoot the 40 m drift problem but then got side tracked on other projects so, it's been awhile.

All of the bands are rock steady except 40. When I got the radio that one too was steady. Now it drifts. If I recall, it drifts up in frequency. Enough so that it's noticeable and makes holding a QSO rather difficult.

I've looked inside the VFO assembly. I believe it could be one of the little disk caps across the tuning trimmer. I recall that there are two disk caps for this band. I am suspecting stronger though that it's the trimmer itself.

Reason? The last time I looked at it closely, it seemed to me that the plunger was not fitting quite like it should. There appeared to be a little bit of binding to it. I suspected that it might be under a little tension and heat buildup - by the way, the drift is greater with heat - might be causing some metal expansion. It wouldn't take much. It wouldn't take much change in capacitance to cause it to change frequency.

Yes, it could actually be one of the small disk caps. I've also intended to replace those. Just haven't come across the replacements yet.

Anyone ever experienced a problem of this sort?

Dan W. Dooley WB5TKA Bedford, Texas EM12ku
e-mail to: dandooley@...
Web site: http://www.qsl.net/wb9tka
SOC #198, FPQRP # -104
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----- Original Message -----
From: "Jim Strohm" <n6otq@...>
To: <atlas_radio@yahoogroups.com>
Sent: Sunday, September 09, 2001 9:42 AM
Subject: [atlas_radio] Re: Replying to the group

> --- In atlas_radio@y..., "Dan W. Dooley" <dandooley@p...> wrote:
>
> To clarify -- there's one VFO that controls where you are on each
> band, and separate tuning points that control where each band-spread
> lands.
>
> I don't have the schematic in front of me right now, but I recall that
> the 210/215 use some very creadive oscillator-switching methods to
> give the frequencies of interest. Regardless of whether each is a

> separate oscillator or whether the tuned circuits are switched, you
> can access the tuner slugs for each band thru the top of the rig, thru
> the holes in the top of the plastic tuner dial.
>
> Pretty easy to figure out.
>
> Problem is, you can only have the dial in the exact spot where the
> hole for each band tune slug lines up witht he slug, so it's handy to
> have a calibrated sig gen and freq counter to see where you are.
>
> The VFO tuning affects every band -- I wouldn't touch it unless you're
> seeing some really off-scale stuff. The band tuning slugs affect ONLY
> the band of interest, and can be tinkered with to your heart's
> content, consistent with legal operation or your own personal
> pucker-factor for the potential of out-of-band operation.
>

13. Altas 180 Service Manual

Yahoo group: atlas_radio
Date: 2001-10-25 02:55:00 UTC
From: kr0y@arrl.net
Topic: 13 Message: 13

I'm looking for a copy of a service manual for an Atlas 180. There appears to have been two 'versions' of the Atlas 180. I've got a manual, but it's for the 'wrong' version (as compared to the radio that I've got). If someone has a manual, I can then explain exactly what I'm looking for (i.e. what the difference was between the two 'versions').

John Rayfield, Jr.
Springfield, Missouri

14. VFO Drift

Yahoo group: atlas_radio
Date: 2001-12-23 14:27:00 UTC
From: wb5tka
Topic: 14 Message: 14

Anyone had experience in dealing with VFO drift in the 210X?

Primarily 40 m. drift. I haven't looked closely at the problem for some time, so I don't recall if it's up or down in frequency. I'm in the process of monitoring the VFO output again and am attempting to record as accurately as possible, the drift pattern to see how it relates to time and ambient temp.

Right now, as a point of reference, I'm measuring the freq. on the other bands to set something of a baseline. (how far should it normally drift with warmup of the rig). Then I'll compare the other bands - which seem not have had any noticable on the air drift - to 40.

Just wondering if anyone has done any troubleshooting of a similar problem.

15. VFO Drift

Yahoo group: atlas_radio
Date: 2001-12-23 23:22:47 UTC
From: Tim - N6DRA
Topic: 14 Message: 15

Have you looked at the voltage going to the VFO? The regulator wasn't very complex in those units, just a zener and a 78L06 used for +10v. If the regulated voltage moves, the VFO will too. This will affect all bands though.

I remember the girls in the factory that did the VFOs- they were very good at selecting the caps that compensated them. There are a couple of fixed value caps in parallel with the frequency adjustment trimmer, and they were selected for positive or negative coefficient. With a limited number of choices available, some component tolerance combinations would be on the ragged edge.

Some long term drift was unavoidable, but for the most part, they were a stable rig.

73

Tim N6DRA

16. Re: [atlas_radio] VFO Drift

Yahoo group: atlas_radio
Date: 2001-12-23 23:45:31 UTC
From: Dan W. Dooley
Topic: 14 Message: 16

That's another thing to look at, Tim. It's another area to explore.

The measurable drift had been limited to 40 it seems. Early in use, all bands were quite stable even in mobile operation. Later, I started noticing drift on 40 during QSOs. As it's been a number of years, I don't recall if it was up or down in frequency. The other bands I operated (15, and 10) were stable.

Later tests - once I got a frequency counter - seemed to reveal the only real drift to be on 40. I'm now redoing all of my measurements, trying to accurately record the range of frequency change from power on (allowing a minute to stabilize) to final reading. In this way, I can be sure if it is indeed the one band only or all.

Certainly if it is all bands, I will have a closer look at the voltage regulation - though that's not a bad idea in any event.

I have a pretty strong suspicion that the problem is going to turn out the be with one or both of the 4.7 pf N750 caps across the trimmer for 40 m.

I'll certainly pass on what I find.

Dan W. Dooley WB5TKA Bedford, Texas
e-mail to: dandooley@...
Web site: http://www.qsl.net/wb9tka
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"Ancient Pistol, I do partly understand your meaning."

----- Original Message -----
From: "Tim - N6DRA" <overclocker@...>
To: <atlas_radio@yahoogroups.com>
Sent: Sunday, December 23, 2001 5:22 PM
Subject: [atlas_radio] VFO Drift

> Have you looked at the voltage going to the VFO? The regulator wasn't very
> complex in those units, just a zener and a 78L06 used for +10v. If the
> regulated voltage moves, the VFO will too. This will affect all bands
> though.
>
>

19. New Member

Yahoo group: atlas_radio
Date: 2002-02-02 20:41:52 UTC
From: k5hml
Topic: 1 Message: 19

Hi, All ---

Just found this group and joined last night.
Was pleasantly surprised to find a group dedicated to Atlas equipment.

My lineup here in the shack is:
Atlas 215X w/all post-production mods
Model 206 External Digital VFO
220-CS Console w/VOX
Slide-in Mobile Mount

Am still keeping an eye out for some other accessories:
Model 10X Crystal Oscillator
MT-1 Mobile Antenna Matching Transformer
DD-6 Digital Dial
PC-120 Noise Blanker Board

Also found a group for Swan Radios and joined it, too.
The Swan equipment here is:
Swan 500CX w/230XC Power Supply
508 External VFO
VX-2 and VX-4 VOX Units

Would like to get hold of some additional Swan accessories, too:
WM-2000A SWR/Wattmeter
ST-2 Antenna Tuner
DD-76 Digital Dial (can also be used with Atlas 210 and 215 rigs)
510X Crystal Oscillator
FP-1 Phone Patch

Now that I'm retired, I can devote more time to improving my
station :>)
Between the ham radio groups and eBay, I might be able to do that.

Thanks for letting me join the group.
Looking forward to exchanging ideas and information with everyone.

73,

Harry, K5HML
San Antonio TX
(ex- F7HW and DL4HW)

22. one more

Yahoo group: atlas_radio
Date: 2002-05-17 04:25:17 UTC
From: Miodrag Spajic
Topic: 22 Message: 22

Hi all,
I have just joined the Atlas gpoup.
I have my Atlas 215X for abt 15 years now and like
it very much - very easy and convinient to use - no
problems with lamps.
Maybe I miss 28MHz band but thats it.
Best regards to you all,

Misa, Belgrade, Yu
YZ1MWW, YU1BBC
73 :-)

_____
Do You Yahoo!?
LAUNCH - Your Yahoo! Music Experience
http://launch.yahoo.com

23. address update

Yahoo group: atlas_radio
Date: 2002-05-29 01:28:28 UTC
From: n6otq
Topic: 23 Message: 23

Hi all

I know it's been REALLY quiet in here for a long time -- I've been busy.

I have a new email address besides the one at the top of this message. I'm now at jstrohm@... .

This was an unplanned change caused by some questionable practices at my former ISP of 7 years. Yeah, I had the same ISP for 7 YEARS -- that's almost as long as my marriage and it outlasted 14 jobs.

So much for high-tech.

Jim N6OTQ

24. 210/215 microphone ?...

Yahoo group: atlas_radio
Date: 2002-06-03 18:36:53 UTC
From: jeffcrilly
Topic: 24 Message: 24

I need a hand microphone for my 215x...

All the microphones I have are 600 (or so) ohm impedence.

The manual sez "high-impedence" crystal microphone.

My initial thought was to get ahold of a Heil HMM,
but I see those are dynamic, and I thought, low impedeance.

I see there is a new HMM-iC for icom which uses
and electret condenser... maybe that would be better, dunno.

The astatic d-104 desk microphone seems to work well
with the 215x, so I was also considering the D104 hand
mic, but it turns out it is ceramic, and I have no
idea where to get one.

Any suggestions?

jeff

25. Re: [atlas_radio] 210/215 microphone ?...

Yahoo group: atlas_radio
Date: 2002-06-03 19:37:07 UTC
From: Jim Strohm
Topic: 24 Message: 25

>I need a hand microphone for my 215x...
>
>All the microphones I have are 600 (or so) ohm impedence.
>

Impedance matching with an op amp is relatively trivial -- there's an H&K in the June 2002 QST about it. I've also added a file called d104.pdf to the Atlas_Accessories folder that describes one method.

A caution -- the referenced IC is _ONLY_ available in an SOIC package or bare die, so it's not a good choice for homebrew. A 741 might work. A TL081 or similar FET op amp would be a better choice.

The referenced article also shows a dual op-amp, with one side lashed as a unity-gain follower and the inputs and outputs otherwise left floating. This is acceptable practice, I guess, but I favor the "ground or pull high all unused pins" school of thought.

If I have any spare time this week I might lash up one of my many junkbox TL081s and see what I can get to work. If it succeeds, I'll post some results and I'll make TL081s available for a SASE.

And here's another thought -- "high impedance" is somewhere between 25K and 200K. If you have an audio output transformer from a cheapie AM transistor radio, the transform ratio will be something like 2K to 8 ohms. Hang your mic element on the low-impedance end and feed your rig with the high-impedance end, and have phun.

Do an on-air audio check with the mic gain turned down before you head out to Field Day!

Jim N6OTQ

26. Low reading AMP meter on xmit...

Yahoo group: atlas_radio
Date: 2002-06-07 19:31:36 UTC
From: jeffcrilly
Topic: 26 Message: 26

I put a hamstick antenna on the ford explorer, and attached
the radio to the car battery (via cigar lighter plug...
technically, I beleive its called the "accessory power outlet".
This power connection is temporary -- I dont recommend it.)

Turned on radio.

Turned on car.

S5 noise on radio. Ugh. I guess this is expected
for the Ford.

I may fix it next week.

While checking the swr on the antenna on the car, I noticed that
the 'amp' meter in the radio only showed about 2 amps, but the
power meter (external) was showing about 75 watts.
Hmm.. didnt seem right. The antenna SWR was about 1.1:1.

So I took the radio inside and checked it out on the
dummy load. Same thing. And with the console for the
power supply. Same thing.
75 watts or so out, but only 2 amps input on the meter.

It turned out if I jiggled the mode switch
(or the mic-gain and alc) sometimes the meter
would deflect to, say, 4 or 6 amps. Still a
bit low I thought.

So I looked at the schematic and noticed that
the meter is switched between the receiver and
xmitter by a relay. Off came the cover.
The relay was "covered" and it looked pretty good.
I took the board out and cleaned the contacts with
an eraser. It works much better; it now reads 10amps.

Just an Fyi, thought you all might want to know.

(I'm starting to really enjoy these analog radios.)

jeff

27. Stored Radio Concern?

Yahoo group: atlas_radio
Date: 2002-06-13 14:12:30 UTC
From: k8kqd
Topic: 27 Message: 27

My Atlas 210X has been stored in a briefcase for over 20 years. My how time flys! Since it was in a sealed container, it looks like new. I also have the mobile mounting tray for it and the Atlas antenna matching transformer but no AC power supply.

Should I be concerned about connecting this rig to the car battery or do I need to do something to slowly bring up power.

I also have a Drake TR-4CW that has been idle for well over 20 years and I know that it needs to be slowly brought up because of the tubes.

Since I don't have a variable power supply and don't know anyone who has one, I suppose that I'll need to pay AES Orlando to do it for me.

Do you think that I should use an antenna matching unit like the SG-237 or SG-239 or will the Atlas transformer suffice with a Hustler whip antenna on 20 and 40?

Thanks for your comments,
Lorne, K8KQD
Eustis, FL

28. Stored Radio Concern?

Yahoo group: atlas_radio
Date: 2002-06-13 14:13:44 UTC
From: k8kqd
Topic: 27 Message: 28

My Atlas 210X has been stored in a briefcase for over 20 years. My how time flys! Since it was in a sealed container, it looks like new. I also have the mobile mounting tray for it and the Atlas antenna matching transformer but no AC power supply.

Should I be concerned about connecting this rig to the car battery or do I need to do something to slowly bring up power.

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Do you think that I should use an antenna matching unit like the SG-237 or SG-239 or will the Atlas transformer suffice with a Hustler whip antenna on 20 and 40?

Thanks for your comments,
Lorne, K8KQD
Eustis, FL

29. Re: [atlas_radio] Stored Radio Concern?

Yahoo group: atlas_radio
Date: 2002-06-13 14:59:19 UTC
From: Jim Strohm
Topic: 27 Message: 29

Lorne, K8KQD asks

>My Atlas 210X has been stored in a briefcase for over 20 years. My
>how time flys! Since it was in a sealed container, it looks like
>new. I also have the mobile mounting tray for it and the Atlas
>antenna matching transformer but no AC power supply.
>
>Should I be concerned about connecting this rig to the car battery or
>do I need to do something to slowly bring up power.
>
>I also have a Drake TR-4CW that has been idle for well over 20 years
>and I know that it needs to be slowly brought up because of the tubes.
>
>Since I don't have a variable power supply and don't know anyone who
>has one, I suppose that I'll need to pay AES Orlando to do it for
>me.
>
>Do you think that I should use an antenna matching unit like the
>SG-237 or SG-239 or will the Atlas transformer suffice with a Hustler
>whip antenna on 20 and 40?

Before applying power, I'd recommend a cursory inspection to check for gross insect infestation, significant corrosion, loose stuff, etc. At the very least, pop the top and bottom covers and look for things that are obviously wrong. I would not pull the boards, but I would shine a flashlight inside and in-between to look for stuff.

If you know the storage was temperature- and humidity-controlled within the mfg. specs, there's a good chance the rig will come up fine. My storage-abused Atlases seem to have done OK.

Here's the risk -- low-voltage electrolytics are just as prone to age-induced failure (dry-out, etc.) as high-voltage. But when they go, they just don't go as violently. The odds are good that you'll be replacing some caps anyway, whether before or after you apply power. So you have to decide whether to let a shop do the initial power-up and any necessary repairs, or whether to do it yourself and take the rig in to them and pay them to turn on the lights.

If the shop gets it and it works fine you're out a hour's shop billing. If not, it's already on the bench and it'll be working a lot sooner, and the bill will be less than if you blew it up yourself.

Hint: The old 1930s ham radio trick of putting a lightbulb in series with the power cord works on 12VDC just as well as on 120VAC. Just choose an appropriately sized bulb, in terms of voltage/wattage.

As far as matching networks -- Atlases LOVE to see a 50 ohm load with minimal reactive components. When you get away from that, they let you know in a hurry and in no uncertain terms.

I've had good luck with low-tech devices like MFJ impedance bridges and CB SWR meters -- once you know whether you're above or below 50 ohms, adjustment is pretty simple, and the simpler and more rugged your matching network, the easier your life will be.

Hence the Atlas antenna matching transformer!!

Jim N6OTQ

Remember that "elegant simplicity" was one of the most common compliments given to the Atlas.

30. Stored Radio Concern?

Yahoo group: atlas_radio
Date: 2002-06-13 15:41:46 UTC
From: k8kqd
Topic: 27 Message: 30

My Atlas 210X has been stored in a briefcase for over 20 years. My how time flys! Since it was in a sealed container, it looks like new. I also have the mobile mounting tray for it and the Atlas antenna matching transformer but no AC power supply.

Should I be concerned about connecting this rig to the car battery or do I need to do something to slowly bring up power.

I also have a Drake TR-4CW that has been idle for well over 20 years and I know that it needs to be slowly brought up because of the tubes.

Since I don't have a variable power supply and don't know anyone who has one, I suppose that I'll need to pay AES Orlando to do it for me.

Do you think that I should use an antenna matching unit like the SG-237 or SG-239 or will the Atlas transformer suffice with a Hustler whip antenna on 20 and 40?

Thanks for your comments,
Lorne, K8KQD
Eustis, FL

31. microphone search...

Yahoo group: atlas_radio
Date: 2002-06-24 07:48:58 UTC
From: jeffcrilly
Topic: 31 Message: 31

In my search for a decent mobile hand microphone
for the atlas 210/215, I've looked into electret (powered)
microphones. I took the advice of one fellow on the collins
list and put together a microphone based on the schematic
on the back of the electret element package from radio
shack. I built this into a dynamic microphone case, and
it works, but there are mechanical problems with it
(battery doesnt fit.)

Seperately, I explored motorola surplus microphones
(maxtrac? Syntor? I'm not familiar with the moto 2way
radio stuff), and came across a HMN-1049A for cheap.

It turns out this has what appears to be an electret
element with, what appears to be, some sort of
preamp in the hand microphone case.

I'm now starting on figuring out how to wire it to the
atlas... yes it will require power (hopefully I can put
a small battery in the hand-mic-case.)

If anyone has info about wiring the HMN-1049A
(or similiar) to the atlas 210/215, let me know.

thanks

jeff

32. Special note from moderator

Yahoo group: atlas_radio
Date: 2002-06-28 15:23:01 UTC
From: n6otq
Topic: 32 Message: 32

I will be reviewing *ALL* membership records this weekend, and
will be placing on moderation or DELETING members who fall
into one or more of the following categories:

* Have never posted to the group
* Have an empty or non-existent yahoo profile
* Show a "bounced" email associated with this review of
membership
* Show obviously fictitious address or ID information
* Is not personally known to me, another moderator, or a group
member who is a close acquaintance and can vouch for you.

Naturally, I don't want to delete or moderate ANYBODY. If you
feel there's any concern regarding your continuing membership
in this group, please email me at mailto:jstrohm@... or
mailto:n6otq@... NO LATER than Monday night.

If your mail reader does not "speak" HTML, those email
addresses are:

jstrohm@...
n6otq@...

One email is sufficient. To reduce excess traffic on the group,
please do NOT reply to this message. Reply in email.

Thank you for your patience and cooperation.

Jim

33. special note from the moderator -- long

Yahoo group: atlas_radio
Date: 2002-07-12 00:30:23 UTC
From: n6otq
Topic: 33 Message: 33

A boilerplate note from the moderator, C&P-ed to all the groups I moderate.

This is all I can tell you. You can all read this and nobody has to be killed because I told you, but this is all I can tell you. (IOW, it's been vetted.)

Around the start of the last week in June, I got a back-channel "you're really not supposed to know this but ... " kind of email from a colleague who's associated with Tom Ridge's people.

My colleague mentioned that his people had seen some indications that certain politically motivated persons had identified vulnerabilities in Yahoo groups as potential channels for software attacks within the United States.

We've all seen these kinds of attacks. Melissa, Nimda, ILoveYou, etc. The only new things were -- the channel of the attack (Yahoo groups) and the timing (US Independence Day). My friend identified the likeliest profile -- in the sense of a "profile" being the visible traces left by the potential attacker, not in the literal sense of a Yahoo profile -- as being somebody who:

1) created a "throwaway" account via one of the free online access gateways such as hotmail, AOL, etc.
2) created a Yahoo ID based on the "throwaway" account
3) joined a Yahoo group that had low recent traffic, or was known as an unmoderated group with significant traffic volume
4) had an empty Yahoo profile AND did not post an "I'm here" message to the group AND left no other easily visible traces on Yahoo

In the few days before I received this "you're not supposed to know" message, I had seen significant traffic that matched this kind of profile. In the days after I received the message, that traffic increased dramatically.

Now, I've never been the best behaved netizen you've ever known. I admit it. And I don't do most of the stuff I know how to do (any more) but I keep an eye out for it, same as I watch where I park my junky old car so nobody steals it. I know what a hack looks like and my colleague's message merely confirmed my suspicions.

Based on what I'd actually seen, AND on my colleague's information, I locked down this Yahoo group to prevent -- or, at least, to LIMIT its availability as a launch pad for any online

attacks. I have no knowledge to divulge whether any actual attack occurred. I can say that no obvious evidence indicates that any attack was launched from this Yahoo group, or from any other Yahoo group I moderate.

And the fact that we're not all dying from an attack like "Melissa" is a good sign.

I've restored most of the group settings to their pre- July 4 settings. If you need more access on this group, email me. I still do not intend to enable email atatchments to be sent via any groups I moderate. Another moderator may override that decision, and I will respect that decision -- I still have about 50 copies of Melissa in my old email archives that suggest that email attachments may not be a good thing. (I use a couple of Macs and a Linux box, but not my PC unless I absolutely HAVE to.)

I sincerely apologize for the inconveniences you've been put through for the last two weeks, and I hope you can find it in your hearts to forgive me. My intentions were to limit bad stuff from happening. I know I can't stop EVERYTHING -- just like locking your car won't stop the guy with the tow truck -- but it sure slows down the kid with just a coat-hanger.

So everything's pretty much back to normal, as far as I can say. Have fun.

Jim the Moderator, AKA "the kid who mighta cried wolf"

34. ?

Yahoo group: atlas_radio
Date: 2002-10-02 05:40:31 UTC
From: Misa
Topic: 33 Message: 34

Hi all,

What's going on? Anybody here? Everyone left group?
It can't be I guess. What about our common love called Atlas
ham radio and usual problems with rigs. Here, as Atlas 210 and 215X
was used by certain state services in 70's and 80's, we have, I am
sure, few hundreds of those transceivers. We - I mean hams.
Anybody?

Cheers,
73 de Misa YU1BBC (very soon YZ1MW)

35. Re: [atlas_radio] ?

Yahoo group: atlas_radio
Date: 2002-10-06 17:52:24 UTC
From: Jim Strohm
Topic: 33 Message: 35

Misa YU1BBC said --

>What's going on? Anybody here? Everyone left group?
>It can't be I guess. What about our common love called Atlas
>ham radio and usual problems with rigs. Here, as Atlas 210 and 215X
>was used by certain state services in 70's and 80's, we have, I am
>sure, few hundreds of those transceivers. We - I mean hams.
>Anybody?

Hi Misa -- there are still people out here but you are right -- not a lot of activity. Since I started the group, I have not had enough time to do everything I wanted to in the group. In fact I STILL do not have an HF station on the air!!

I hope that others who see this note will take a moment to say "I am here" and perhaps some conversation can start.

Meantime, I know that all of us on here are very interested in the Atlas radios.

Your overworked moderator

Jim N6OTQ

36. Re: [atlas_radio] ?

Yahoo group: atlas_radio
Date: 2002-10-06 20:50:58 UTC
From: Dan W. Dooley
Topic: 33 Message: 36

I'm still here. Still have my 210X.

Actually as I may have stated early upon my entry into the group, I'm not using my Atlas and not having a true need for it other than its own interest, I've considered the idea of selling it. The problem is, the 40 m. band has a little drift problem. All of the other bands are quite solid. The problem with 40 is, I believe, due to a defective glass trimmer cap. I have swapped out the two padder disk caps across it and that has not helped. Tracing and carefully examining the surrounding circuitry and the connections between the trimmer/padder group and the rest of the VFO circuitry through the rotary switch reveals no other problem.

So why my suspicion of the glass cap? Other than the process of elimination? The fact that it has a small, horseshoe shaped crack in the glass on one side. The crack is close to the center and there are no pieces missing.

I have very carefully disassembled the trimmer and carefully cleaned, inside and out the mechanics. I did receive a "replacement" unit from someone some time ago. The problem with that one was that even though it was not exactly the same unit and was slightly different in value, but should still have worked, it appeared to have been a previously used cap and the mechanics were not very tight. In other words, the threaded shaft for the metal plunger did not seem to me to make the best electrical contact. As a result, its operation was erratic. So, this cap was no better than what I already had.

Realizing that the radio has rather limited resale value (even if working 100%), I've wondered what else I could do with it. Using it as a SSB rig is more than redundant here. I have enough other rigs. And as for mobile use, I have a good working Icom 706 which does a lot more. The Atlas doesn't have the WARC bands either so that is a drawback. I don't need to comment on its fit as a CW rig. So, in the interest of "experimenting", even as far as making some sort of major "conversion", I've wondered what options might be open to me. Could I for instance, use part of the circuitry as the foundation for a good receiver of some sort? Perhaps build something in the way of a good VFO for that use and maybe even by introducing other front end filter circuits use it for one of the WARC bands. Would the existing xmtr make a good foundation for some other project?

Thoughts? Ideas? Suggestions?

Dan W. Dooley WB5TKA Bedford, Texas
e-mail to: dandooley@...
Web address: http://www.qsl.net/wb9tka
May Goddes love blest ye alle

----- Original Message -----
From: "Jim Strohm" <jstrohm@...>
To: <atlas_radio@yahoogroups.com>
Sent: Sunday, October 06, 2002 12:52 PM
Subject: Re: [atlas_radio] ?

> I hope that others who see this note will take a moment to say "I am
> here" and perhaps some conversation can start.
>
> Meantime, I know that all of us on here are very interested in the
> Atlas radios.
>

37. Re: [atlas_radio] ?

Yahoo group: atlas_radio
Date: 2002-10-07 05:00:04 UTC
From: Jim Strohm
Topic: 33 Message: 37

Dan WB5TKA said some stuff ...

>
>Thoughts? Ideas? Suggestions?

Just a reminder. The Atlas 210 and 215 rigs date from the early 1970s. To compare them to rigs from the late 1990s or newer is the same as comparing a 1970 Plymouth Hemi 'Cuda to a 2002 Lexus. Sure, the Lexus is newer and perhaps nicer. It might be faster. It will probably last longer. For sure it will get better gas mileage.

The Lexus will never be a 'Cuda.

Same as -- my Heathkit will never be a Collins S-Line. And my Yaesu FT-101 will never be a Heathkit. And -- your '706 will never be an Atlas, even though it may outperform an Atlas six ways from Sunday.

Where was your '706 when ALL the radio magazines were posing near-naked hot babes with Atlases on the cover in the '70s? And -- where were the hot babes on the cover when your '706 was the sexiest rig on the block?

My point here is -- by 2002 standards, an Atlas 210 is lame. By 1975 standards, it was not just the hottest and sexiest radio on the market, it was also the best value on the amateur market. If you showed up with a '210, your 15 minutes of fame were not just guaranteed, you went into overtime!

And needless to say, if you had showed up with a '706 back then, people woulda asked to see your flying saucer too -- the difference is that great.

As far as why some of us think Atlas radios are cool -- I am preaching to the choir a little bit here, but by now most of us have experienced 2002-vintage radios that we need a microscope and a re-flow fixture to service. That's OK. Me, I prefer working on an Atlas with a 40-watt Weller iron -- in room light and with nothing more sophisticated than some solder wick.

Jim N6OTQ

38. Re: [atlas_radio] Digest Number 18

Yahoo group: atlas_radio
Date: 2002-10-10 01:51:35 UTC
From: pokey
Topic: 38 Message: 38

Hi Misa,
My name is Steven and I have an Atlas 210x. I have watched this group for a while and I would have to say that the signal to noise ratio is very very good. :O)
Usually my questions get answered before they are asked and unfortunately at a pace that equals my free time. All in all a good group though.
73s
Steven KB7NKB
On Monday 07 October 2002 08:09, atlas_radio@yahoogroups.com wrote:
>
> To unsubscribe from this group, send an email to:
> atlas_radio-unsubscribe@yahoogroups.com
>
>
> --
>
> There are 3 messages in this issue.
>
> Topics in this digest:
>
> 1. Re: ?
> From: Jim Strohm <jstrohm@...>
> 2. Re: ?
> From: "Dan W. Dooley" <dandooley@...>
> 3. Re: ?
> From: Jim Strohm <jstrohm@...>
>
>
> ____
> ____
>
> Message: 1
> Date: Sun, 6 Oct 2002 12:52:24 -0500
> From: Jim Strohm <jstrohm@...>
> Subject: Re: ?
>
>
> Misa YU1BBC said --
>
> >What's going on? Anybody here? Everyone left group?
> >It can't be I guess. What about our common love called Atlas
> >ham radio and usual problems with rigs. Here, as Atlas 210 and 215X
> >was used by certain state services in 70's and 80's, we have, I am
> >sure, few hundreds of those transceivers. We - I mean hams.
> >Anybody?

>
> Hi Misa -- there are still people out here but you are right -- not a
> lot of activity. Since I started the group, I have not had enough
> time to do everything I wanted to in the group. In fact I STILL do
> not have an HF station on the air!!
>
> I hope that others who see this note will take a moment to say "I am
> here" and perhaps some conversation can start.
>
> Meantime, I know that all of us on here are very interested in the
> Atlas radios.
>
> Your overworked moderator
>
> Jim N6OTQ
>
>
> --
> --
>
> Message: 2
> Date: Sun, 6 Oct 2002 15:50:58 -0500
> From: "Dan W. Dooley" <dandooley@...>
> Subject: Re: ?
>
> I'm still here. Still have my 210X.
>
> Actually as I may have stated early upon my entry into the group, I'm not
> using my Atlas and not having a true need for it other than its own
> interest, I've considered the idea of selling it. The problem is, the 40
> m. band has a little drift problem. All of the other bands are quite
> solid. The problem with 40 is, I believe, due to a defective glass trimmer
> cap. I have swapped out the two padder disk caps across it and that has
> not helped. Tracing and carefully examining the surrounding circuitry and
> the
> connections between the trimmer/padder group and the rest of the VFO
> circuitry through the rotary switch reveals no other problem.
>
> So why my suspicion of the glass cap? Other than the process of
> elimination? The fact that it has a small, horseshoe shaped crack in the
> glass on one side. The crack is close to the center and there are no
> pieces missing.
>
> I have very carefully disassembled the trimmer and carefully cleaned,
> inside and out the mechanics. I did receive a "replacement" unit from
> someone some time ago. The problem with that one was that even though it
> was not exactly the same unit and was slightly different in value, but
> should still have worked, it appeared to have been a previously used cap
> and the mechanics were not very tight. In other words, the threaded shaft
> for the metal plunger did not seem to me to make the best electrical

> contact. As a result, its operation was erratic. So, this cap was no
> better than what I already had.
>
> Realizing that the radio has rather limited resale value (even if working
> 100%), I've wondered what else I could do with it. Using it as a SSB rig
> is more than redundant here. I have enough other rigs. And as for mobile
> use, I have a good working Icom 706 which does a lot more. The Atlas
> doesn't have the WARC bands either so that is a drawback. I don't need to
> comment on its fit as a CW rig. So, in the interest of "experimenting",
> even as far as making some sort of major "conversion", I've wondered what
> options might be open to me. Could I for instance, use part of the
> circuitry as the foundation for a good receiver of some sort? Perhaps
> build something in the way of a good VFO for that use and maybe even by
> introducing other front end filter circuits use it for one of the WARC
> bands. Would the existing xmtr make a good foundation for some other
> project?
>
> Thoughts? Ideas? Suggestions?
>
>
> Dan W. Dooley WB5TKA Bedford, Texas
> e-mail to: dandooley@...
> Web address: http://www.qsl.net/wb9tka
> May Goddes love blest ye alle
>
>
> ----- Original Message -----
> From: "Jim Strohm" <jstrohm@...>
> To: <atlas_radio@yahoogroups.com>
> Sent: Sunday, October 06, 2002 12:52 PM
> Subject: Re: [atlas_radio] ?
>
> > I hope that others who see this note will take a moment to say "I am
> > here" and perhaps some conversation can start.
> >
> > Meantime, I know that all of us on here are very interested in the
> > Atlas radios.
>
> _____
> _____
>
> Message: 3
> Date: Mon, 7 Oct 2002 00:00:04 -0500
> From: Jim Strohm <jstrohm@...>
> Subject: Re: ?
>
> Dan WB5TKA said some stuff ...
>
> >Thoughts? Ideas? Suggestions?
>

> Just a reminder. The Atlas 210 and 215 rigs date from the early
> 1970s. To compare them to rigs from the late 1990s or newer is the
> same as comparing a 1970 Plymouth Hemi 'Cuda to a 2002 Lexus. Sure,
> the Lexus is newer and perhaps nicer. It might be faster. It will
> probably last longer. For sure it will get better gas mileage.
>
> The Lexus will never be a 'Cuda.
>
> Same as -- my Heathkit will never be a Collins S-Line. And my Yaesu
> FT-101 will never be a Heathkit. And -- your '706 will never be an
> Atlas, even though it may outperform an Atlas six ways from Sunday.
>
> Where was your '706 when ALL the radio magazines were posing
> near-naked hot babes with Atlases on the cover in the '70s? And --
> where were the hot babes on the cover when your '706 was the sexiest
> rig on the block?
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> My point here is -- by 2002 standards, an Atlas 210 is lame. By 1975
> standards, it was not just the hottest and sexiest radio on the
> market, it was also the best value on the amateur market. If you
> showed up with a '210, your 15 minutes of fame were not just
> guaranteed, you went into overtime!
>
> And needless to say, if you had showed up with a '706 back then,
> people woulda asked to see your flying saucer too -- the difference
> is that great.
>
> As far as why some of us think Atlas radios are cool -- I am
> preaching to the choir a little bit here, but by now most of us have
> experienced 2002-vintage radios that we need a microscope and a
> re-flow fixture to service. That's OK. Me, I prefer working on an
> Atlas with a 40-watt Weller iron -- in room light and with nothing
> more sophisticated than some solder wick.
>
> Jim N6OTQ
>
>
> --
> --
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

39. DD-6B Digital Display

Yahoo group: atlas_radio
Date: 2002-10-14 18:03:55 UTC
From: n5ozq
Topic: 39 Message: 39

Hi all -
recently picked up a DD-6B and want to get it to work with the newer 'TM' 5645mHz IF. All I have been able to fins is a manual on the 'C' rev.; anyone out there have any info on this?
73,
Tom N5OZQ

40. fs: Atlas 110 RF Brick

Yahoo group: atlas_radio
Date: 2002-12-13 04:04:21 UTC
From: David Colburn
Topic: 40 Message: 40

OK, I bought this thing to mod to give my FT-817 enough output to be heard over the next hill ... but never touched it 'cause I wasn't smart enough!

Now I have access to a used tower, now steel I know what to do with!

Anyhow, need to sell my Atlas 110 transmitter RF brick (at least I was told it is for a 110). It is black, 6.5 x 3 x 2.25"

I'd like to get $50. for it including shipping conus.

I would consider a swap towards an old Morrow rig, MB560 transmitter or MBR-5 receiver. It is the only boatanchor I would consider "collecting". Used to own a pair but sold them and wish I hadn't.

Thanks! & 73, doc kd4e

--

41. 210X frequency drift....

Yahoo group: atlas_radio
Date: 2002-12-21 19:04:40 UTC
From: w3njbruce <w3nj@aol.com>
Topic: 41 Message: 41

All,
I have a unique "twist" to an early discussion about VFO drift. It's been a number of years since I've tried out my 210, but I fired it up the other day. I haven't seen this behavior yet, but remember it in the past.

The rig is very stable at power on, especially if I just use it for receive. As I transmit, the RX and Tx freqs DRIFT APART. I can't remember which goes up and down, but it's as if I have an "automatic RIT" in the rig! ;-)

I'll need to do some more testing, maybe over the holiday period. In Looking at the schematic, it uses the same 2 oscillators for RX and TX, just switches them within the mixer. I do see a trimmer cap on one of the FET switches, maybe it's gone "weak" over the years.

Any thoughts or comments?

73

De Bruce- W3NJ

42. 210X frequency drift....

Yahoo group: atlas_radio
Date: 2002-12-21 19:05:36 UTC
From: w3njbruce <w3nj@aol.com>
Topic: 41 Message: 42

All,
I have a unique "twist" to an early discussion about VFO drift. It's been a number of years since I've tried out my 210, but I fired it up the other day. I haven't seen this behavior yet, but remember it in the past.

The rig is very stable at power on, especially if I just use it for receive. As I transmit, the RX and Tx freqs DRIFT APART. I can't remember which goes up and down, but it's as if I have an "automatic RIT" in the rig! ;-)

I'll need to do some more testing, maybe over the holiday period. In Looking at the schematic, it uses the same 2 oscillators for RX and TX, just switches them within the mixer. I do see a trimmer cap on one of the FET switches, maybe it's gone "weak" over the years.

Any thoughts or comments?

73

De Bruce- W3NJ

43. Re: [atlas_radio] 210X frequency drift....

Yahoo group: atlas_radio
Date: 2002-12-21 20:06:08 UTC
From: Jim Strohm
Topic: 41 Message: 43

>All,
>I have a unique "twist" to an early discussion about VFO drift. It's
>been a number of years since I've tried out my 210, but I fired it
>up the other day. I haven't seen this behavior yet, but remember it
>in the past.
>
>The rig is very stable at power on, especially if I just use it for
>receive. As I transmit, the RX and Tx freqs DRIFT APART. I can't
>remember which goes up and down, but it's as if I have an "automatic
>RIT" in the rig! ;-)
>
>I'll need to do some more testing, maybe over the holiday period. In
>Looking at the schematic, it uses the same 2 oscillators for RX and
>TX, just switches them within the mixer. I do see a trimmer cap on
>one of the FET switches, maybe it's gone "weak" over the years.

Without my dragging out the manual ... take a look at the block diagram and see where there's any part of the RX / TX chain that's different. Likeliest, the fault will be there.

Physically, look for something that's close to the PA -- most of the stuff on an Atlas won't get warm during TX, but you can make hot cocoa with the PA heatsink.

I would suspect that some part in the TX chain has aged and now drifts. A can of "cold shot" might be of use if you can't think your way to the answer.

It might also be helpful to hook the rig to a large dummy load and do an hour-long keydown at about 20 watts and see where it drifts to.

I've never had an Atlas that didn't drift a _little_ with high duty cycle use, as in net control duty. That's why there's a RIT knob and a tuning knob ... and a dummy load under the bench, and a freq counter in the antenna lead. Of course, "drift" is relative -- if you can hear somebody's side tone change, that's drift. Moving a couple hundred hertz in a long evening of contesting or net op isn't really drift with a 25-year-old radio.

Jim N6OTQ

44. Re: 210X frequency drift....

Yahoo group: atlas_radio
Date: 2002-12-27 21:08:27 UTC
From: w3njbruce <w3nj@aol.com>
Topic: 41 Message: 44

Jim,
Thanks for the info!

I had previously been looking at the trimmer cap associated with the oscillator switch MOSFETS as one of the "unique" RX/TX components (are you familar with its function?).

From what I remember, the 210X would drift ~500Hz (measure by ear...not too accurate! ;-)). I'll have to fire it up again and see how it does. Hopefully we can get some time between now and New Years.

Hers's the other "kicker". This is one of the original 210X's without RIT. I'm going to buy the parts for the RIT based on an old Atlas Service Bulletin I dug up from somewhere. This will be my last resort if the problem returns and I can't clear it up otherwise.

TNX es 73

de Bruce -W3NJ

--- In atlas_radio@yahoogroups.com, Jim Strohm <jstrohm@e...> wrote:
> >All,
> >I have a unique "twist" to an early discussion about VFO drift. It's
> >been a number of years since I've tried out my 210, but I fired it
> >up the other day. I haven't seen this behavior yet, but remember it
> >in the past.
> >
> >The rig is very stable at power on, especially if I just use it for
> >receive. As I transmit, the RX and Tx freqs DRIFT APART. I can't
> >remember which goes up and down, but it's as if I have an "automatic
> >RIT" in the rig! ;-)
> >
> >I'll need to do some more testing, maybe over the holiday period. In
> >Looking at the schematic, it uses the same 2 oscillators for RX and
> >TX, just switches them within the mixer. I do see a trimmer cap on
> >one of the FET switches, maybe it's gone "weak" over the years.
>
> Without my dragging out the manual ... take a look at the block
> diagram and see where there's any part of the RX / TX chain that's
> different. Likeliest, the fault will be there.

>
> Physically, look for something that's close to the PA -- most of
the
> stuff on an Atlas won't get warm during TX, but you can make hot
> cocoa with the PA heatsink.
>
> I would suspect that some part in the TX chain has aged and now
> drifts. A can of "cold shot" might be of use if you can't think
your
> way to the answer.
>
> It might also be helpful to hook the rig to a large dummy load and
do
> an hour-long keydown at about 20 watts and see where it drifts to.
>
> I've never had an Atlas that didn't drift a _little_ with high duty
> cycle use, as in net control duty. That's why there's a RIT knob
and
> a tuning knob ... and a dummy load under the bench, and a freq
> counter in the antenna lead. Of course, "drift" is relative -- if
> you can hear somebody's side tone change, that's drift. Moving a
> couple hundred hertz in a long evening of contesting or net op
isn't
> really drift with a 25-year-old radio.
>
>
>
> Jim N6OTQ

45. Atlas 110 HF 100w RF Brick

Yahoo group: atlas_radio
Date: 2003-01-03 03:48:49 UTC
From: David Colburn
Topic: 45 Message: 45

Need to sell my Atlas 110 transmitter RF brick (at least I was
told it is for a 110). It is black, 6.5 x 3 x 2.25"

I'd like to get $40. for it including shipping conus.

I need the cash to acquire a Morrow 2BR for my only BA setup.

Thanks! & 73, doc kd4e

46. FT-620B AM Filter

Yahoo group: atlas_radio
Date: 2003-01-05 17:15:11 UTC
From: wd8tim <wd8tim@yahoo.com>
Topic: 46 Message: 46

does anyone know where i can get an AM filter for my Yaesu FT-620b 6Mtr rig? the filter # is an XF-90A thanks

47. Atlas 350Xl -- repair & Service?

Yahoo group: atlas_radio
Date: 2003-02-06 05:11:58 UTC
From: kd4e2001 <kd4e@arrl.net>
Topic: 47 Message: 47

Just agreed to buy an Atlas 350XL. It is represented as intact, receive working, problem with transmit. It doesn't come with a manual. I am told that certain parts can be very tough to find.

I have also read that there is a shop in N.W. Washington State that repairs them and does so very reasonably.

Anyone how to contact this shop, or another? Any reasonable sources for manuals Op & Service? (The usual sources want $27. for the generic manual!)

Tnx! & 73, doc kd4e

48. Re: [atlas_radio] Atlas 350Xl -- repair & Service?

Yahoo group: atlas_radio
Date: 2003-02-06 12:41:27 UTC
From: Marc
Topic: 47 Message: 48

HI,

I do repairs on Atlas as well. The final output
devices are no longer available and just do not exist.
A sub will need to be used should they need
replacement.

Manuals are available in copy form from W7FG and Brock
Publications. I believe Brock is $20 for a photocopy
of the op manual.

Regards,

Marc WR2I
The Radio clinic of NYC
--- "kd4e2001 <kd4e@...>" <kd4e@...> wrote:
> Just agreed to buy an Atlas 350XL. It is
> represented as intact,
> receive working, problem with transmit. It doesn't
> come with a
> manual. I am told that certain parts can be very
> tough to find.
>
> I have also read that there is a shop in N.W.
> Washington State that
> repairs them and does so very reasonably.
>
> Anyone how to contact this shop, or another? Any
> reasonable sources
> for manuals Op & Service? (The usual sources want
> $27. for the
> generic manual!)
>
> Tnx! & 73, doc kd4e
>
>

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http://mailplus.yahoo.com

49. Hello and Question

Yahoo group: atlas_radio
Date: 2003-03-02 19:01:03 UTC
From: rhmeyer50 <rhmeyer50@yahoo.com>
Topic: 49 Message: 49

Hi All,
I just found this group after getting my 210x out to play. I've got a problem with the 220 Console. The unregulated voltage is 18.6 vdc My first thought was ripple peaks but the scope shows a flat line at 5v / div. On AC the ripple is less than 50 mv unloaded. I haven't done any tech work for a while and may be missing something easy. The regulated output is 12.6 so it is Ok. Any ideas? Thanks in advance.
Rob WA9UAA

50. Re: [atlas_radio] Hello and Question

Yahoo group: atlas_radio
Date: 2003-03-02 21:06:26 UTC
From: Marc
Topic: 49 Message: 50

that is almost normal
--- "rhmeyer50 <rhmeyer50@...>"
<rhmeyer50@...> wrote:
> Hi All,
> I just found this group after getting my 210x out to
> play. I've got a
> problem with the 220 Console. The unregulated
> voltage is 18.6 vdc
> My first thought was ripple peaks but the scope
> shows a flat line at
> 5v / div. On AC the ripple is less than 50 mv
> unloaded. I haven't done
> any tech work for a while and may be missing
> something easy. The
> regulated output is 12.6 so it is Ok. Any ideas?
> Thanks in advance.
> Rob WA9UAA
>
>

Do you Yahoo!?
Yahoo! Tax Center - forms, calculators, tips, more
http://taxes.yahoo.com/

51. Re: [atlas_radio] Hello and Question

Yahoo group: atlas_radio
Date: 2003-03-02 21:50:46 UTC
From: Rob Meyer
Topic: 49 Message: 51

Hi Marc,
Thanks for the reply, I was worried about over
supplying the rig. Thanks,
Rob WA9UAA
--- Marc <wr2i@...> wrote:
> that is almost normal
> --- "rhmeyer50 <rhmeyer50@...>"
> <rhmeyer50@...> wrote:
> > Hi All,
> > I just found this group after getting my 210x out
> to
> > play. I've got a
> > problem with the 220 Console. The unregulated
> > voltage is 18.6 vdc
> > My first thought was ripple peaks but the scope
> > shows a flat line at
> > 5v / div. On AC the ripple is less than 50 mv
> > unloaded. I haven't done
> > any tech work for a while and may be missing
> > something easy. The
> > regulated output is 12.6 so it is Ok. Any ideas?
> > Thanks in advance.
> > Rob WA9UAA
> >
> >
>
>
> _____
> Do you Yahoo!?
> Yahoo! Tax Center - forms, calculators, tips, more
> http://taxes.yahoo.com/
>

_____
Do you Yahoo!?
Yahoo! Tax Center - forms, calculators, tips, more
http://taxes.yahoo.com/

52. S-meter does not read

Yahoo group: atlas_radio
Date: 2003-03-19 06:54:11 UTC
From: mrkafel
Topic: 52 Message: 52

I've recently acquired a 210x. It looks like it's been modified quite a bit internally. When receiving the S-meter registers nothing. I can hear strong and weak audio signals, but the meter just won't register anything.

I've tried to zero the meter per the manual instructions. The meter is zero'd alright, but just won't respond. I've also noticed that the meter will only register 5-6 amps output on SSB with the mike gain set on maximum. That's with me talking very loudly into the mic at a very close range. I'm using a Shure 450 Series II desk mic with a high impedance setting.

Any suggestions?

53. RE: [atlas_radio] S-meter does not read

Yahoo group: atlas_radio
Date: 2003-03-19 09:08:35 UTC
From: Kevin B. G. Luxford
Topic: 52 Message: 53

A better test of output is to put the transmitter into CW mode and connect the rig to a 50 ohm dummy load. See what power out you can get under key down conditions. (Don't hold the key down for a long time on maximum output).

Voice peaks may drive the current drawn up to 16 amps, but you will not see that with voice because the inertia of the needle averages out the current reading.

73
Kevin
VK3DAP / ZL2DAP
mailto:kevodownunder@...
Home page: http://www.qsl.net/vk3dap

-----Original Message-----
From: mrkafel [mailto:mr.kafel@...]
Sent: Wednesday, March 19, 2003 5:54 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] S-meter does not read

I've recently acquired a 210x. It looks like it's been modified quite a bit internally. When receiving the S-meter registers nothing. I can hear strong and weak audio signals, but the meter just won't register anything.

I've tried to zero the meter per the manual instructions. The meter is zero'd alright, but just won't respond. I've also noticed that the meter will only register 5-6 amps output on SSB with the mike gain set on maximum. That's with me talking very loudly into the mic at a very close range. I'm using a Shure 450 Series II desk mic with a high impedance setting.

Any suggestions?

To unsubscribe from this group, send an email to:
atlas_radio-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to
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54. Swap Fest finds -- Belton TX

Yahoo group: atlas_radio
Date: 2003-04-05 21:25:19 UTC
From: Jim
Topic: 54 Message: 54

I was at the Belton (TX) swapfest this morning ... saw one lonely 210x in a console, in nice condx and priced under $300. I didn't inquire as to condition, because I had a shopping list and a budget (more on that later).

But I did stumble across a mobile bracket for a good price!

This one is not totally original -- some missing and non-original hardware and it needs a new power lead, but it'll pass muster if you want to go mobile. It's also relatively straight and unscratched. This ain't Collins territory but this would honestly rate a CCA 6 or 7.

Anybody need one? The right price will have two digits between the dollar sign and the decimal point. I have two others, and this one is the best of the three.

As far as the rest of the swap fest -- lotsa boatanchor shelf princesses at Rolls-Royce prices, lotsa newer SS rigs at occasionally a very reasonable price, and the usual smattering of junk so horrible even _I_ would not haul it off for free.

But almost nothing in the free piles, though there were a couple goodies that I recycled, and there were a few enormous bargains for the sharp-eyed. Like the 50-amp 15-v power supply that went begging at $5.

Yeah, five bucks.

Some of my neat hauls:

-- General Radio 650 Impedance bridge, $40. Clean inside and respectable outside. (on my list and under budget!)
-- Systron-Donner 6245A microwave counter -- DC to 18 GHz, $150. (on my list and under budget!) The seller said it was "occasionally intermittent" -- when I got it home, I found the reason why, he was a smoker. I think it'll clean up.
-- a "mystery" $5 wooden case that contained a 3A variac, a couple of filament transformers, and two 30-year-old D cells (yuck)
-- Two "free box" ultrasonic pest repellers (both seem to work!)
-- a TI military surplus solid-state VHF transmitter with a heatsink big enough to smash an Atlas 210 to bits -- $5.

Plus the usual neat stuff that'll sit in my junk box for 10 years then get sold.

A whole lot of good stuff and bad went home with its owners, primarily because the sellers weren't motivated enough. I'd say this was more of a "look at my neat stuff" than a "buy this stuff" swapfest. I'd also say -- having a price tag on your items, even if it's arbitrarily high, and having an interested person at your pile-o-stuff will go a LONG way to moving toys at a 'fest.

Jim N6OTQ

55. RE: Atlas 210 Documentation

Yahoo group: atlas_radio
Date: 2003-04-24 00:45:28 UTC
From: baamaster
Topic: 55 Message: 55

Atlas 210x Service Bulletins and other documents can be found at:

http://www.hamanuals.com

Follow the link to Online Radio Manuals.

I'm looking for a good copy of the 210 service manual to repair my
radio. The copy of a copy of a copy I have is pretty bad.

73's

Bill

56. new rig

Yahoo group: atlas_radio
Date: 2003-05-20 08:04:19 UTC
From: bill mayo
Topic: 56 Message: 56

Hello folks,
just got me a new rig, a Atlas 210x. It was give to me by a buddy of mine. He said that it had a drift problem on tx but he saw some thing one time on how to correct this. Been searching tonight but haven't come across any thing. One of you wouldn't know where to find it would you?
73, bill kd5gxs

[Non-text portions of this message have been removed]

57. Re: [atlas_radio] new rig

Yahoo group: atlas_radio
Date: 2003-05-20 11:43:48 UTC
From: Dan W. Dooley
Topic: 56 Message: 57

Bill, did he say the drift was on all bands, or just one? That would make a big difference in how you approach the problem.

I'm presuming that it must ALSO drift on receive, as it uses the same oscillator circuits for both transmit and receive. It might be more noticeable on transmit as there would be more heat generated than when in receive only so the degree of change might be greater. The problem would of course exist in both modes. Since it's heat aggravated - most likely - it would appear that the drift is only on transmit when the heat within the unit is increased. My suspicion, at least.

I have a similar issue with my 210X but it's limited to 40 meters. Each band uses a small tuned circuit consisting of a portion of the main VFO coil (tapped section), a small tubular glass trimmer cap and one or two temp. compensating disk caps. As in the case of mine, since the drift is limited to one band, the problem has to be with those components unique to that band. Those being the glass trimmer and the two disc caps. The problem in my case, is the trimmer cap, which unfortunately appears to be impossible to find as a replacement.

If your is drifting on all bands then the problem would be within the common portion of the VFO. I'm presuming that you have a manual with the radio, with a schematic.

Dan W. Dooley WB5TKA
email: dandooley@...
www.dooleystreasurechest.com

----- Original Message -----
From: "bill mayo" <kd5gxs@...>
To: <atlas_radio@yahoogroups.com>
Sent: Tuesday, May 20, 2003 3:04 AM
Subject: [atlas_radio] new rig

Hello folks,
just got me a new rig, a Atlas 210x. It was give to me by a buddy of mine. He said that it had a drift problem on tx but he saw some thing one time on how to correct this. Been searching tonight but haven't come across any thing. One of you wouldn't know where to find it would you?
73, bill kd5gxs

58. Re: [atlas_radio] new rig

Yahoo group: atlas_radio
Date: 2003-05-20 12:30:32 UTC
From: Jim Strohm
Topic: 56 Message: 58

>Hello folks,
>just got me a new rig, a Atlas 210x. It was give to me by a buddy
>of mine. He said that it had a drift problem on tx but he saw some
>thing one time on how to correct this. Been searching tonight but
>haven't come across any thing. One of you wouldn't know where to
>find it would you?

Have you tested it to see HOW drifty? Get out ye olde dummy load, fire up the frequency counter for two days, then key a 40- or 50-watt signal into the load for half an hour and see how much it drifts.

If it goes more than a few kHz, that's drifty enough to be annoying.

You'll want to check on more than one band, but don't expect to get 50 watts out on 10 meters. Keep written notes on starting and ending frequencies, and monitor power and heatsink temperature. The rig is SUPPOSED to get hot -- you want to see if the drift is a thermal problem or not.

And something to remember -- MOST hams nowadays are spoiled on the stability of CB radios. Yep, CBs. The FCC regs concerning channelization specified some pretty tight frequency control for CBs. So if we're comparing an old rock-mixer CB or a PLL CB to an Atlas 210x, we're comparing apples and oranges. Compared to a $50 CB, practically EVERYTHING drifts. *

Armed with an old Communications Concepts digital frequency readout and a touch to the tuning knob now and then, my Atlas was stable enough to run a net. It drifted. It didn't drift enough that I could hear the difference in somebody's tone while we were having a CW QSO, though.

Plus, if your rig drifts a lot you can work the whole band during contest without touching the tuning knob! ;)

Jim N6OTQ

* Don't talk too badly about CBs. They make nice monoband rigs on 10 meters. And ... RatShack discontinued their HTX-10 10m rig (part number 19-1110), and they're closing out the last few at $50. each. Absolutely NO way to get it out of band, but it's a nice AM/FM/LSB/USB rig ... 25 watt class. Nice to use with a transverter. The only real shortcoming -- no CW, but there are plans floating around the 'net for a plug-in replacement for the mic that gives you MCW and a sidetone. There also is a lot of interest in this rig on a couple of other yahoo groups.

59. Re: new rig

Yahoo group: atlas_radio
Date: 2003-05-20 14:05:20 UTC
From: n5kzw
Topic: 56 Message: 59

Dan, on my 210M the 10M trimmer cap broke. I was able to solder a
couple of legs on a piston trimmer to adapt it for the 10M portion of
the tuning circuit.

Regards,
Ed Bailen - N5KZW

--- In atlas_radio@yahoogroups.com, "Dan W. Dooley" <dandooley@p...>
wrote:
> Bill, did he say the drift was on all bands, or just one? That
would make a
> big difference in how you approach the problem.
>
> I'm presuming that it must ALSO drift on receive, as it uses the same
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>
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> band uses a small tuned circuit consisting of a portion of the main
VFO coil
> (tapped section), a small tubular glass trimmer cap and one or two temp.
> compensating disk caps. As in the case of mine, since the drift is
limited
> to one band, the problem has to be with those components unique to that
> band. Those being the glass trimmer and the two disc caps. The
problem in
> my case, is the trimmer cap, which unfortunately appears to be
impossible to
> find as a replacement.
>
> If your is drifting on all bands then the problem would be within
the common
> portion of the VFO. I'm presuming that you have a manual with the
radio,
> with a schematic.
>
> Dan W. Dooley WB5TKA
> email: dandooley@p...

> www.dooleystreasurechest.com
>
>
> ----- Original Message -----
> From: "bill mayo" <kd5gxs@a...>
> To: <atlas_radio@yahoogroups.com>
> Sent: Tuesday, May 20, 2003 3:04 AM
> Subject: [atlas_radio] new rig
>
>
> Hello folks,
> just got me a new rig, a Atlas 210x. It was give to me by a buddy
of mine.
> He said that it had a drift problem on tx but he saw some thing one
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> how to correct this. Been searching tonight but haven't come across any
> thing. One of you wouldn't know where to find it would you?
> 73, bill kd5gxs

60. Re: [atlas_radio] Re: new rig

Yahoo group: atlas_radio
Date: 2003-05-20 16:08:32 UTC
From: Dan W. Dooley
Topic: 56 Message: 60

Ed, I'm curious. You mention a "210M". I'm not familiar with that one and how it may be similar or not to the 210X. Was this "piston trimmer" something you added to the circuit? Something in parallel to the original trimmer? The trimmers in the 210X are glass cylinder slug tuned affairs. I have replaced the two disk caps more than once in an effort to stop the drift. Right now I can't recall if it drifted up or down in frequency. It's been a while since I played with it. The only conclusion I can come to is that as there is a small horseshoe shaped crack in the glass of the trimmer body, that must be related to the problem. Perhaps as it heats up, there is enough movement to cause it to change capacity slightly.

Someone gave me another glass trimmer some time ago. This one was a bit different from the original and appeared to be a used one. The tuning slug within it was not real rigid so trying it did not help. I'd sure like to come across one just like the original one. I've never been able to find a source though.

Dan W. Dooley WB5TKA
email: dandooley@...
www.dooleystreasurechest.com

----- Original Message -----
From: "n5kzw" <n5kzw@...>
To: <atlas_radio@yahoogroups.com>
Sent: Tuesday, May 20, 2003 9:05 AM
Subject: [atlas_radio] Re: new rig

Dan, on my 210M the 10M trimmer cap broke. I was able to solder a couple of legs on a piston trimmer to adapt it for the 10M portion of the tuning circuit.

Regards,
Ed Bailen - N5KZW

61. Re: [atlas_radio] Re: new rig

Yahoo group: atlas_radio
Date: 2003-05-20 17:10:39 UTC
From: Jim Strohm
Topic: 56 Message: 61

>Ed, I'm curious. You mention a "210M". I'm not familiar with that one and
>how it may be similar or not to the 210X.

The 210M was a 210X variant that came with at least one MARS band
enabled at the factory.

All the 210s and 215s I've seen had piston trimmers in various
places, either for oscillators or filters.

From personal experience -- the 10M oscillator trimmer on the 210X
can be adjusted to move the X's 10M band slice down into the MARS
band between 10 and 11 meters.

Well, actually it'll go lower than that, but you have to retune the
bandpass output filters if you want to be able to hear anything.

Jim N6OTQ

62. Re: new rig

Yahoo group: atlas_radio
Date: 2003-05-21 21:19:38 UTC
From: n5kzw
Topic: 56 Message: 62

Dan, the 210M is the MARS version of the 210. The VFO ranges are the same as on the 210 until you hook up the 10X xtal oscillator accessory. Then you have access to 3300-4600, 7000-8000, 13900-14900, 20600-21450, and 27500-30000 kHz.

I had a 210X Limited Edition, but I sold it to my brother when he got his ticket. I wish I had given him the 210M. I haven't had any luck getting the 10X xtal oscillator to work with the 210M.

The piston trimmer I was referring to sounds like the same as the slug-tuned glass tube you are describing. It is in the bandswitch circuitry. I got it from the guy that used to repair Atlases; I think he tried to start making 210s again several years ago, but I don't think it worked out.

Regards,
Ed Bailen - N5KZW

--- In atlas_radio@yahoogroups.com, "Dan W. Dooley" <dandooley@p...> wrote:
> Ed, I'm curious. You mention a "210M". I'm not familiar with that one and
> how it may be similar or not to the 210X. Was this "piston trimmer"
> something you added to the circuit? Something in parallel to the original
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> drift. Right now I can't recall if it drifted up or down in frequency.
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> is that as there is a small horseshoe shaped crack in the glass of the
> trimmer body, that must be related to the problem. Perhaps as it heats up,
> there is enough movement to cause it to change capacity slightly.
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> Someone gave me another glass trimmer some time ago. This one was a bit
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> Dan W. Dooley WB5TKA

> email: dandooley@p...
> www.dooleystreasurechest.com
>
>
> ----- Original Message -----
> From: "n5kzw" <n5kzw@a...>
> To: <atlas_radio@yahoogroups.com>
> Sent: Tuesday, May 20, 2003 9:05 AM
> Subject: [atlas_radio] Re: new rig
>
>
> Dan, on my 210M the 10M trimmer cap broke. I was able to solder a
> couple of legs on a piston trimmer to adapt it for the 10M portion of
> the tuning circuit.
>
> Regards,
> Ed Bailen - N5KZW

63. Re: [atlas_radio] Digest Number 33

Yahoo group: atlas_radio
Date: 2003-05-22 15:10:31 UTC
From: Tim Payne
Topic: 63 Message: 63

As I recall from the days I worked for Atlas, the glass trimmers were Johanson brand, for what that's worth. (not Johnson...) For drift problems be sure the 10V regulator is stable- but it affects all bands- most of the time...

Tim N6DRA

----- Original Message -----
From: <atlas_radio@yahoogroups.com>
To: <atlas_radio@yahoogroups.com>
Sent: Thursday, May 22, 2003 11:05 AM
Subject: [atlas_radio] Digest Number 33

>
> To unsubscribe from this group, send an email to:
> atlas_radio-unsubscribe@yahoogroups.com
>
>
> --
>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Re: new rig
> From: "n5kzw" <n5kzw@...>
>
>
> ____
> ____
>
> Message: 1
> Date: Wed, 21 May 2003 21:19:38 -0000
> From: "n5kzw" <n5kzw@...>
> Subject: Re: new rig
>
> Dan, the 210M is the MARS version of the 210. The VFO ranges are the
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> > source though.
> >
> > Dan W. Dooley WB5TKA
> > email: dandooley@p...
> > www.dooleystreasurechest.com
> >
> >
> > ----- Original Message -----
> > From: "n5kzw" <n5kzw@a...>
> > To: <atlas_radio@yahoogroups.com>
> > Sent: Tuesday, May 20, 2003 9:05 AM
> > Subject: [atlas_radio] Re: new rig
> >
> >
> > Dan, on my 210M the 10M trimmer cap broke. I was able to solder a
> > couple of legs on a piston trimmer to adapt it for the 10M portion of
> > the tuning circuit.

> >
> > Regards,
> > Ed Bailen - N5KZW
>
>
>
> --
> --
>
>
>
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>
>

64. Re: [atlas_radio] Digest Number 33

Yahoo group: atlas_radio
Date: 2003-05-22 15:12:26 UTC
From: Tim Payne
Topic: 63 Message: 64

Oops- forgot to mention- you might try RF Parts in San Marcos, CA for Atlas parts. He bought a LOT of their inventory when they closed down.

Tim N6DRA

----- Original Message -----
From: <atlas_radio@yahoogroups.com>
To: <atlas_radio@yahoogroups.com>
Sent: Thursday, May 22, 2003 11:05 AM
Subject: [atlas_radio] Digest Number 33

>
> To unsubscribe from this group, send an email to:
> atlas_radio-unsubscribe@yahoogroups.com
>
>
> --
>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Re: new rig
> From: "n5kzw" <n5kzw@...>
>
>
> ____
> ____
>
> Message: 1
> Date: Wed, 21 May 2003 21:19:38 -0000
> From: "n5kzw" <n5kzw@...>
> Subject: Re: new rig
>
> Dan, the 210M is the MARS version of the 210. The VFO ranges are the
> same as on the 210 until you hook up the 10X xtal oscillator
> accessory. Then you have access to 3300-4600, 7000-8000, 13900-14900,
> 20600-21450, and 27500-30000 kHz.
>
> I had a 210X Limited Edition, but I sold it to my brother when he got
> his ticket. I wish I had given him the 210M. I haven't had any luck
> getting the 10X xtal oscillator to work with the 210M.
>
> The piston trimmer I was referring to sounds like the same as the
> slug-tuned glass tube you are describing. It is in the bandswitch
> circuitry. I got it from the guy that used to repair Atlases; I think

> he tried to start making 210s again several years ago, but I don't
> think it worked out.
>
> Regards,
> Ed Bailen - N5KZW
>
> --- In atlas_radio@yahoogroups.com, "Dan W. Dooley" <dandooley@p...>
> wrote:
> > Ed, I'm curious. You mention a "210M". I'm not familiar with that
> one and
> > how it may be similar or not to the 210X. Was this "piston trimmer"
> > something you added to the circuit? Something in parallel to the
> original
> > trimmer? The trimmers in the 210X are glass cylinder slug tuned
> affairs. I
> > have replaced the two disk caps more than once in an effort to stop the
> > drift. Right now I can't recall if it drifted up or down in frequency.
> > It's been a while since I played with it. The only conclusion I can
> come to
> > is that as there is a small horseshoe shaped crack in the glass of the
> > trimmer body, that must be related to the problem. Perhaps as it
> heats up,
> > there is enough movement to cause it to change capacity slightly.
> >
> > Someone gave me another glass trimmer some time ago. This one was a bit
> > different from the original and appeared to be a used one. The
> tuning slug
> > within it was not real rigid so trying it did not help. I'd sure
> like to
> > come across one just like the original one. I've never been able to
> find a
> > source though.
> >
> > Dan W. Dooley WB5TKA
> > email: dandooley@p...
> > www.dooleystreasurechest.com
> >
> >
> > ----- Original Message -----
> > From: "n5kzw" <n5kzw@a...>
> > To: <atlas_radio@yahoogroups.com>
> > Sent: Tuesday, May 20, 2003 9:05 AM
> > Subject: [atlas_radio] Re: new rig
> >
> >
> > Dan, on my 210M the 10M trimmer cap broke. I was able to solder a
> > couple of legs on a piston trimmer to adapt it for the 10M portion of
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> >
> > Regards,

> > Ed Bailen - N5KZW
>
>
>
> --
> --
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

65. Re: [atlas_radio] Digest Number 33

Yahoo group: atlas_radio
Date: 2003-05-22 16:29:08 UTC
From: Marc
Topic: 63 Message: 65

I spoke with Merit regarding the Atlas inventory. He has un-drilled dial drums at $25 and S meters. He also has driver transistor RCA40582 for $15. That's all he has.

The 210 I have has ceramic trimmers not pistons. This unit seems to be more stable than my 210x with the pistons.

Marc WR2I
--- Tim Payne <overclocker@...> wrote:
> Oops- forgot to mention- you might try RF Parts in
> San Marcos, CA for Atlas
> parts. He bought a LOT of their inventory when they
> closed down.
>
> Tim N6DRA
>
>
>
> ----- Original Message -----
> From: <atlas_radio@yahoogroups.com>
> To: <atlas_radio@yahoogroups.com>
> Sent: Thursday, May 22, 2003 11:05 AM
> Subject: [atlas_radio] Digest Number 33
>
>
> >
> > To unsubscribe from this group, send an email to:
> > atlas_radio-unsubscribe@yahoogroups.com
> >
> >
> >
>

> >
> > There is 1 message in this issue.
> >
> > Topics in this digest:
> >
> > 1. Re: new rig
> > From: "n5kzw" <n5kzw@...>
> >
> >
> >

>

> >
>

> >
> > Message: 1
> > Date: Wed, 21 May 2003 21:19:38 -0000
> > From: "n5kzw" <n5kzw@...>
> > Subject: Re: new rig
> >
> > Dan, the 210M is the MARS version of the 210. The
> VFO ranges are the
> > same as on the 210 until you hook up the 10X xtal
> oscillator
> > accessory. Then you have access to 3300-4600,
> 7000-8000, 13900-14900,
> > 20600-21450, and 27500-30000 kHz.
> >
> > I had a 210X Limited Edition, but I sold it to my
> brother when he got
> > his ticket. I wish I had given him the 210M. I
> haven't had any luck
> > getting the 10X xtal oscillator to work with the
> 210M.
> >
> > The piston trimmer I was referring to sounds like
> the same as the
> > slug-tuned glass tube you are describing. It is
> in the bandswitch
> > circuitry. I got it from the guy that used to
> repair Atlases; I think
> > he tried to start making 210s again several years
> ago, but I don't
> > think it worked out.
> >
> > Regards,
> > Ed Bailen - N5KZW
> >
> > --- In atlas_radio@yahoogroups.com, "Dan W.
> Dooley" <dandooley@p...>
> > wrote:
> > > Ed, I'm curious. You mention a "210M". I'm not
> familiar with that
> > one and
> > > how it may be similar or not to the 210X. Was
> this "piston trimmer"
> > > something you added to the circuit? Something
> in parallel to the
> > original

> > > trimmer? The trimmers in the 210X are glass
> cylinder slug tuned
> > affairs. I
> > > have replaced the two disk caps more than once
> in an effort to stop the
> > > drift. Right now I can't recall if it drifted
> up or down in frequency.
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> only conclusion I can
> > come to
> > > is that as there is a small horseshoe shaped
> crack in the glass of the
> > > trimmer body, that must be related to the
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> > heats up,
> > > there is enough movement to cause it to change
> capacity slightly.
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> > > Someone gave me another glass trimmer some time
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> > > different from the original and appeared to be a
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> > tuning slug
> > > within it was not real rigid so trying it did
> not help. I'd sure
> > like to
> > > come across one just like the original one.
> I've never been able to
> > find a
> > > source though.
> > >
> > > Dan W. Dooley WB5TKA
> > > email: dandooley@p...
> > > www.dooleystreasurechest.com
> > >
> > >
> > > ----- Original Message -----
> > > From: "n5kzw" <n5kzw@a...>
> > > To: <atlas_radio@yahoogroups.com>
> > > Sent: Tuesday, May 20, 2003 9:05 AM
> > > Subject: [atlas_radio] Re: new rig
> > >
> > >
> > > Dan, on my 210M the 10M trimmer cap broke. I
> was able to solder a
> > > couple of legs on a piston trimmer to adapt it
> for the 10M portion of
> > > the tuning circuit.
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> > > Regards,

> > > Ed Bailen - N5KZW
> >
> >
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> >
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> >
> >
>
>

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66. Re: [atlas_radio] Digest Number 33

Yahoo group: atlas_radio
Date: 2003-05-22 17:04:00 UTC
From: Dan W. Dooley
Topic: 63 Message: 66

Hmmm, that sounds like a great idea. Wonder what would be good replacements for the piston trimmers. Surely, it wouldn't be too difficult to make a conversion.

Dan W. Dooley WB5TKA
email: dandooley@...
www.dooleystreasurechest.com

----- Original Message -----
From: "Marc" <wr2i@...>
To: <atlas_radio@yahoogroups.com>
Sent: Thursday, May 22, 2003 11:29 AM
Subject: Re: [atlas_radio] Digest Number 33

I spoke with Merit regarding the Atlas inventory. He has un-drilled dial drums at $25 and S meters. He also has driver transistor RCA40582 for $15. That's all he has.

The 210 I have has ceramic trimmers not pistons. This unit seems to be more stable than my 210x with the pistons.

67. Re: [atlas_radio] Digest Number 33

Yahoo group: atlas_radio
Date: 2003-05-22 23:43:35 UTC
From: Marc
Topic: 63 Message: 67

The trimmers are 7mm or 8mm I will get the value when
I get home.
--- "Dan W. Dooley" <dandooley@...> wrote:
> Hmmm, that sounds like a great idea. Wonder what
> would be good replacements
> for the piston trimmers. Surely, it wouldn't be too
> difficult to make a
> conversion.
>
> Dan W. Dooley WB5TKA
> email: dandooley@...
> www.dooleystreasurechest.com
>
>
> ----- Original Message -----
> From: "Marc" <wr2i@...>
> To: <atlas_radio@yahoogroups.com>
> Sent: Thursday, May 22, 2003 11:29 AM
> Subject: Re: [atlas_radio] Digest Number 33
>
>
> I spoke with Merit regarding the Atlas inventory. He
> has un-drilled dial drums at $25 and S meters. He
> also
> has driver transistor RCA40582 for $15. That's all
> he
> has.
>
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> This
> unit seems to be more stable than my 210x with the
> pistons.
>
>
>

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68. 210 VFO TRIMMERS

Yahoo group: atlas_radio
Date: 2003-05-31 19:24:09 UTC
From: Marc WR2I
Topic: 63 Message: 68

Hi All,

As promised, the value of the trimmers used in the 210 (not "X") is 8mm 3-12 pf 250 volt part. What I should mention is that the design of the 210 VFO is completely different than the "X". The oscillator has 3 stages rather than two, and the trimmers are accessed from the underside through a plate. For whatever reason, this VFO is much more stable than my 210X. It may simply be luck. The Ceramic/glass piston trimmers used in the 210x are typically a much more stable part in freq sensitive circuits. So, I don't know what to expect if one uses a common 8mm trimmer in place of the piston.

Good luck and happy tinkering.

Marc WR2I

--- In atlas_radio@yahoogroups.com, Marc <wr2i@y...> wrote:
> The trimmers are 7mm or 8mm I will get the value when
> I get home.
> --- "Dan W. Dooley" <dandooley@p...> wrote:
> > Hmmm, that sounds like a great idea. Wonder what
> > would be good replacements
> > for the piston trimmers. Surely, it wouldn't be too
> > difficult to make a
> > conversion.
> >
> > Dan W. Dooley WB5TKA
> > email: dandooley@p...
> > www.dooleystreasurechest.com
> >
> >
> > ----- Original Message -----
> > From: "Marc" <wr2i@y...>
> > To: <atlas_radio@yahoogroups.com>
> > Sent: Thursday, May 22, 2003 11:29 AM
> > Subject: Re: [atlas_radio] Digest Number 33
> >
> >
> > I spoke with Merit regarding the Atlas inventory. He
> > has un-drilled dial drums at $25 and S meters. He
> > also
> > has driver transistor RCA40582 for $15. That's all
> > he
> > has.
> >
> > The 210 I have has ceramic trimmers not pistons.

> > This
> > unit seems to be more stable than my 210x with the
> > pistons.
> >
> >
> >
>
>
> _____
> Do you Yahoo!?
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> http://search.yahoo.com

69. WANTED: CLEAR 210 MANUAL/SCHEMATIC FILE

Yahoo group: atlas_radio
Date: 2003-05-31 19:28:36 UTC
From: Marc WR2I
Topic: 69 Message: 69

Hi,

I really need a good readable copy of the 210 (not "X")
manual/schematic. I can't find one in any of the files posted
anywhere. I have been using a crummy barely readable 180 manual for 5
years. Any direction to a file location would be greatly appreciated.

Thanks,

Marc WR2I

70. Want datasheet for RCA driver transistor

Yahoo group: atlas_radio
Date: 2003-05-31 19:30:55 UTC
From: Marc WR2I
Topic: 70 Message: 70

Anyone have a datasheet for the RCA40582?

Thanks,

Marc

71. selling cb

Yahoo group: atlas_radio
Date: 2003-06-05 18:11:22 UTC
From: cbseller2003
Topic: 71 Message: 71

Hello,

IF you are looking to buy a cb here are some prices on my radios..

I have :

1- 6300FTB*
(FOR NEW ONE $424.99) SELL IT FOR $300.00 PLUS SHIPPING

1- 6300F150*
(FOR NEW ONE 279.99) SELL IT FOR $180.00 PLUS SHIPPING

1- TR 396F*
(FOR NEW ONE $109.99) SELL IT FOR $75.00 PLUS SHIPPING

1- COBRA 148 NW-ST*
(FOR NEW ONE $149.99) SELL IT FOR $95.00 PLUS SHIPPING

2- 6900F25*
(FOR NEW ONE $319.99) SELL ONE FOR $285.00 PLUS SHIPPING

2- DX 99*
(FOR NEW ONE $324.99) SELL ONE FOR $295.00 PLUS SHIPPING

2- DX-73*
(FOR NEW ONE $254.99) SELL ONE FOR $210.99 PLUS SHIPPING

1- 6300FHP*
(FOR NEW ONE $279.99) SELL FOR $200.00 PLUS SHIPPING

1- 667V AMP*
(FOR NEW ONE $399.99) SELL FOR $300.00 PLUS SHIPPING

* HAS NOT BE CHANGED OVER OR PEAK AND TUNED ALL NEW IN SAME BOX I
BOUGHT THEM IN.

IF YOU ARE WANTING TO BUY ANY OF THESE RADIOS E-MAIL ME AT
massie99@...

72. Problems Repairing My Boatanchor Atlas 350XL

Yahoo group: atlas_radio
Date: 2003-06-13 20:36:49 UTC
From: Colburn
Topic: 72 Message: 72

The tech working on my seemingly literal boatanchor Atlas 350XL wrote the following:

This is a very well worked over radio. As soon as I get one thing fixed another problem shows up.

So far I have replaced the pre-driver only to find the driver was defective. Fixed that only to find the bias transistor was defective. Also the connections for the PA. bias circuit connections were interchanged. Fixed that and found the predriver board has been modified. Fixed that to find the sidetone pot was broken away from the circuit board. The SWR adjust pot had two of the three connections broken. I noticed the screws missing from the back cover of the compartment containing the ALC SWR circuitry. I do not know what I will find when I get into that. Also the covers over the RF coils are missing.

After finding a few more mistakes I was able to get 180 watts output on 160 80 40 and 20 meters.15 and 10 are zero. I tried alignment again but no luck. I also discovered the transmit audio is very distorted .

He has now suggested that I consider disassembling and selling the thing off piece by piece to recover my original $175. investment, plus his repair costs of $200., plus shipping.

Unless someone has some real good ideas as to how to resolve the remaining problems without a major additional repair bill I guess parting the thing out is my only good option -- unless someone wants to buy it as-is for $375. plus shipping from the repair shop.

Shame too since I have also gathered up the rare Swan mobile docking station and an empty matching power supply case. (Have another piece of change in them.)

Live and learn ... sigh ... 73, doc kd4e

73. Atlas 180 squeal

Yahoo group: atlas_radio
Date: 2003-06-17 15:37:55 UTC
From: ka9uic
Topic: 73 Message: 73

Hello name here is John call KA9UIC. I have an Atlas 180 that I bought at a hamfest 15 to 20 years ago. Even though the ol girl's output is lower that it should be I still make a fair amount of contacts. The problem, When I advance the A.F. gain to hear a weak station or just to turn it up louder because I can't hear squat it squeals, feedback. How can I solve this problem? Second question how difficult is it to change the final transistors and are they readily available? Thank you I will be looking forward to a response. 73's John KA9UIC

74. Re: [atlas_radio] Atlas 180 squeal

Yahoo group: atlas_radio
Date: 2003-06-17 15:58:53 UTC
From: Marc
Topic: 73 Message: 74

John,

The squeal you describe is relative to the PC-300.
The first thing you should do is remove all of the
plug in cards and clean the edge connectors. The
PC-300 you have will require updates and cap
replacement. Download the 210/215x manuals and use
those values on the PC-300 to update your board.
Replace the caps that use the same values also.

What is the output power you are getting band to band?
Why do you believe the finals to be bad and no they
are not readily available. You will need to sub a
different device and modify the PA circuits.

Marc WR2I
--- ka9uic <teach11811@...> wrote:
> Hello name here is John call KA9UIC. I have an Atlas
> 180 that I
> bought at a hamfest 15 to 20 years ago. Even though
> the ol girl's
> output is lower that it should be I still make a
> fair amount of
> contacts. The problem, When I advance the A.F. gain
> to hear a weak
> station or just to turn it up louder because I can't
> hear squat it
> squeals, feedback. How can I solve this problem?
> Second question how
> difficult is it to change the final transistors and
> are they readily
> available? Thank you I will be looking forward to a
> response. 73's
> John KA9UIC
>
>

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75. Re: [atlas_radio] Atlas 180 squeal

Yahoo group: atlas_radio
Date: 2003-06-17 18:02:36 UTC
From: Jim Strohm
Topic: 73 Message: 75

>Hello name here is John call KA9UIC. I have an Atlas 180 that I
>bought at a hamfest 15 to 20 years ago. Even though the ol girl's
>output is lower that it should be I still make a fair amount of
>contacts. The problem, When I advance the A.F. gain to hear a weak
>station or just to turn it up louder because I can't hear squat it
>squeals, feedback. How can I solve this problem? Second question how
>difficult is it to change the final transistors and are they readily
>available? Thank you I will be looking forward to a response. 73's

To answer the second question -- the finals are available and are not too difficult to change, but if you're showing approx. 20 watts out per band, you might consider keeping your eyes out for a suitable used "trucker" style "HF linear." Most of these are broadbanded from 3 to 30 MHz and can easily be re-biased into AB1. When used on amateur radio and with the right bias and filtering, these are perfectly legal.

Advantage? You don't have to work as hard to locate parts for the Atlas, and you have a useful shack accessory if you get into QRP or pick up one of the new 10-watt HF rigs. And -- you took yet another illegal amp away from a chicken bander.

Using a low-pass filter with one of these amps is a MUST, and the current wisdom suggests using a suitable filter for each band of interest -- a filter that puts its first big null at the second harmonic of the frequency of use.

Jim N6OTQ

76. Atlas 180,210,215 etc Mobile MTG Bracket

Yahoo group: atlas_radio
Date: 2003-06-24 13:27:00 UTC
From: Allan V Eisenhaur
Topic: 76 Message: 76

Hi All

For Sale

Surplus to my needs, Atlas Radio mobile Mounting Bracket that will fit
the Atlas 180,210,215 and the newer radios.
If interested email me direct.
Thanks AL N1PIC

[Non-text portions of this message have been removed]

77. a note from the moderator

Yahoo group: atlas_radio
Date: 2003-06-26 00:32:24 UTC
From: Jim
Topic: 77 Message: 77

Y'all guys have been terrific about keeping within the bounds of posting stuff on here.

Thank you, one and all.

Jim N6OTQ

78. RE: [atlas_radio] a note from the moderator

Yahoo group: atlas_radio
Date: 2003-06-26 08:18:27 UTC
From: Kevin B. G. Luxford
Topic: 77 Message: 78

Jim,

None of us like spam. However, it would appear that Yahoo thinks they
can spam us with impunity. Is there anything that can be done about
this?

Thanks for setting up this group and thanks

Kevin
VK3DAP / ZL2DAP

"homo non potest diu vivere sine aliqua delectatione sensibili"
mailto:kevinluxford@...
Home page: http://www.qsl.net/vk3dap

-----Original Message-----
From: Jim [mailto:jstrohm@...]
Sent: Thursday, June 26, 2003 11:32 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] a note from the moderator

Y'all guys have been terrific about keeping within the bounds of
posting stuff on here.

Thank you, one and all.

Jim N6OTQ

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atlas_radio-unsubscribe@yahoogroups.com

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79. RE: [atlas_radio] a note from the moderator

Yahoo group: atlas_radio
Date: 2003-06-26 12:41:46 UTC
From: Jim Strohm
Topic: 77 Message: 79

>Jim,
>
>None of us like spam. However, it would appear that Yahoo thinks they
>can spam us with impunity. Is there anything that can be done about
>this?
>
>Thanks for setting up this group and thanks

The only thing that can be done is to moderate new members. Most of the time you can get a pretty good idea whether they're SPAMmers by looking at their yahoo profile. If the profile is devoid of information and is less than a week old, it's a good bet they're only there to send SPAM. If their user name ends in a number, check the previous and next numbers in the series -- if the "last changed" date and the profile information is identical, you KNOW they're a SPAMmer.

We now continue (hopefully) our radio discussion previously in progress.

Jim N6OTQ

80. RE: [atlas_radio] a note from the moderator

Yahoo group: atlas_radio
Date: 2003-06-26 13:08:02 UTC
From: Marc
Topic: 77 Message: 80

Hey Guys,

Sorry about the lack of content. I was working with
Art on his 210x problem off line. I walked him through
a PA troubleshoot on the telephone. So far, he was
seeing no output but drawing 8 amps in TX. After we
walked through the transistor testing prodedure on the
phone, we found one CTC CD2545 with an open
base-emitter junction. The second device is good. I
advised him to replace both devices with the pair of
MRF458's he has. The driver checked good also. We
shall see what turns out.

Marc WR2I
The Radio Clinic of NYC
High Performance radio sales/service
--- Jim Strohm <jstrohm@...> wrote:
> >Jim,
> >
> >None of us like spam. However, it would appear
> that Yahoo thinks they
> >can spam us with impunity. Is there anything that
> can be done about
> >this?
> >
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> looking at their yahoo profile. If the profile is
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> information and is less than a week old, it's a good
> bet they're only
> there to send SPAM. If their user name ends in a
> number, check the
> previous and next numbers in the series -- if the
> "last changed" date
> and the profile information is identical, you KNOW
> they're a SPAMmer.
>
> We now continue (hopefully) our radio discussion
> previously in progress.
>

> Jim N6OTQ
>

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81. Re: Atlas 180,210,215 etc Mobile MTG Bracket

Yahoo group: atlas_radio
Date: 2003-07-02 16:51:50 UTC
From: LORNE GUSTAFSON
Topic: 76 Message: 81

Al,

your e-mail address didn't come through so I'm posting.

How much for your MMK?

Lorne, K8KQD@...

--- In atlas_radio@yahoogroups.com, Allan V Eisenhaur <aleisen@j...> wrote:
>
> Hi All
>
> For Sale
>
> Surplus to my needs, Atlas Radio mobile Mounting Bracket that will fit
> the Atlas 180,210,215 and the newer radios.
> If interested email me direct.
> Thanks AL N1PIC
>
> [Non-text portions of this message have been removed]

82. fs: Atlas 350xl Accessories

Yahoo group: atlas_radio
Date: 2003-07-02 23:05:45 UTC
From: Colburn
Topic: 82 Message: 82

Since my Atlas 350xl refurb adventure proved a disaster I now am left with a mobile docking bracket and a gutted matching power supply case 350-PS.

I'd like $35. each plus actual shipping.

Thanks! & 73, doc kd4e

83. [atlas_radio] Re: Atlas 180,210,215 etc Mobile MTG Bracket

Yahoo group: atlas_radio
Date: 2003-07-02 22:59:42 UTC
From: Jim Strohm
Topic: 76 Message: 83

Hmm, this could be the start of a flurry of summertime Atlas-swapping.

I've got three available mobile brackets from MMKs, but none complete enough to rightfully be called an MMK...

Jim N6OTQ

84. Atlas 180

Yahoo group: atlas_radio
Date: 2003-07-11 17:27:39 UTC
From: ka9uic
Topic: 84 Message: 84

What position of the mic gain is best for (1) CW operation and (2) Phone operations. Also how should I set the alc for best results. Thank you to those that responded to my squeal question, I am not comfortable at this time to tear into the rig. TNX AGN 73's John KA9UIC

85. putting 180 on cw

Yahoo group: atlas_radio
Date: 2003-07-29 17:35:29 UTC
From: ka9uic
Topic: 85 Message: 85

Hello,
I a having trouble hooking my Atlas 180 to a MFJ-422 keyer. I purchased a sheilded cable from radio shack, tip of 1/4" plug is the center conductor of the RCA plug. barrel is connected to the skirt of the RCA plug. The problem is when I plug the cable in and go to transmit position the rig goes into transmit with nothing hooked to the cable. Putting the keyer inline has no effect on this. I am presently using a Viking ssk-1 keyer with no problems. I have checked the cable for shorts there are none. Any suggestions would be appreciated, the MFJ is newer and a little easier to use. Thank you
John KA9UIC

86. Re: [atlas_radio] putting 180 on cw

Yahoo group: atlas_radio
Date: 2003-07-29 18:39:33 UTC
From: Marc
Topic: 85 Message: 86

I guess you have not read your operation manual yet.

You should read it.....
--- ka9uic <teach11811@...> wrote:
> Hello,
> I a having trouble hooking my Atlas 180 to a MFJ-422
> keyer. I
> purchased a sheilded cable from radio shack, tip of
> 1/4" plug is the
> center conductor of the RCA plug. barrel is
> connected to the skirt of
> the RCA plug. The problem is when I plug the cable
> in and go to
> transmit position the rig goes into transmit with
> nothing hooked to
> the cable. Putting the keyer inline has no effect on
> this. I am
> presently using a Viking ssk-1 keyer with no
> problems. I have checked
> the cable for shorts there are none. Any suggestions
> would be
> appreciated, the MFJ is newer and a little easier to
> use. Thank you
> John KA9UIC
>
>

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87. Re: [atlas_radio] putting 180 on cw

Yahoo group: atlas_radio
Date: 2003-07-30 02:58:14 UTC
From: john lenn
Topic: 85 Message: 87

Marc I would have read the manual IF I HAD ONE!! thank you for your response to my posting, but it seems that I still have the problem. I thought by joining this group I would meet amateurs that would share their knowledge with those that enjoy operating older equipment, maybe I was wrong, I hope not though.

Marc <wr2i@...> wrote:

I guess you have not read your operation manual yet.

You should read it.....
--- ka9uic <teach11811@...> wrote:
> Hello,
> I a having trouble hooking my Atlas 180 to a MFJ-422
> keyer. I
> purchased a shielded cable from radio shack, tip of
> 1/4" plug is the
> center conductor of the RCA plug. barrel is
> connected to the skirt of
> the RCA plug. The problem is when I plug the cable
> in and go to
> transmit position the rig goes into transmit with
> nothing hooked to
> the cable. Putting the keyer inline has no effect on
> this. I am
> presently using a Viking ssk-1 keyer with no
> problems. I have checked
> the cable for shorts there are none. Any suggestions
> would be
> appreciated, the MFJ is newer and a little easier to
> use. Thank you
> John KA9UIC
>
>

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[Non-text portions of this message have been removed]

88. Re: [atlas_radio] putting 180 on cw

Yahoo group: atlas_radio
Date: 2003-07-30 12:09:37 UTC
From: Marc
Topic: 85 Message: 88

John,

Look in the files section of this group. There are
manuals there. You really need to read the manual in
regard to CW operation of the radio. It isn't like
what you may be used to.

In simple terms, there is no VOX circuit in the Atlas
21xx. You will need to manually switch the radio from
the front panel or build the circuit that is detailed
in the manual.

Marc WR2I
--- john lenn <teach11811@...> wrote:
> Marc I would have read the manual IF I HAD ONE!!
> thank you for your response to my posting, but it
> seems that I still have the problem. I thought by
> joining this group I would meet amateurs that would
> share their knowledge with those that enjoy
> operating older equipment, maybe I was wrong, I hope
> not though.
>
> Marc <wr2i@...> wrote:
>
> I guess you have not read your operation manual yet.
>
> You should read it.....
> --- ka9uic <teach11811@...> wrote:
> > Hello,
> > I a having trouble hooking my Atlas 180 to a
> MFJ-422
> > keyer. I
> > purchased a shielded cable from radio shack, tip
> of
> > 1/4" plug is the
> > center conductor of the RCA plug. barrel is
> > connected to the skirt of
> > the RCA plug. The problem is when I plug the cable
> > in and go to
> > transmit position the rig goes into transmit with
> > nothing hooked to
> > the cable. Putting the keyer inline has no effect
> on
> > this. I am
> > presently using a Viking ssk-1 keyer with no
> > problems. I have checked

> > the cable for shorts there are none. Any
> suggestions
> > would be
> > appreciated, the MFJ is newer and a little easier
> to
> > use. Thank you
> > John KA9UIC
> >
> >
>
>
> _____
> Do you Yahoo!?
> Yahoo! SiteBuilder - Free, easy-to-use web site
> design software
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>
> ---
> Do you Yahoo!?
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> design software
>
> [Non-text portions of this message have been
> removed]
>
>

_____
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http://sitebuilder.yahoo.com

89. For Sale Heath, Atlas, Etc.

Yahoo group: atlas_radio
Date: 2003-08-09 18:04:10 UTC
From: Colburn
Topic: 89 Message: 89

I am acquiring a new-to-me Yaesu FT-901dm. Price & features are right.
Need to raise enough to cover the cost ...
For Sale:

1. HP-13a DC-DC Converter w/cable & manual copy. Nice. $45.
2. HP-13 DC-DC Converter w/cable. $30.
3. Lafayette HE-45b 6m AM Transceiver $35.
4. Atlas 350XL Power Supply/Phone Patch/Speaker cabinet. $30.
5. Atlas 350XL Mobile Dock $30.
6. Multi-Elmac PSR-612 6/12v DC-DC Converter $30.
7. ICE Model 112A RF Slitter 50ohms, 1-50MHz UHF connectors. $20.
8. RCA Victor AM/SW Nice wood veneer, magic eye, complete. $55.
9. Rabbit Wireless VCR/Camera tx/rx w/extra receiver. New. $30.
10. Raltron 3-Output 50.000MHz Crystal Oven SMA conn. $25.

All prices plus actual shipping. Everything $300.for a local FL buyer
(save me the hassle of shipping)

--
~~~
o['|']o
\~/
| ```@ {Thanks! & 73 doc kd4e}
| |__/
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
Why Amateur Radio? Electronics, communicating, and helping others.
Why Linux? Better than Microsoft & Apple, user controlled, it works.
|
Jesus === Freedom
|
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

# 90. Elecraft new product announcement set for Sept. 6th

Yahoo group: atlas_radio
Date: 2003-09-02 00:49:09 UTC
From: Wayne Burdick
Topic: 90  Message: 90

Elecraft will be announcing a major new product on Sept. 6th at Hamcon (Long Beach, California). The announcement will be made shortly after our 10 A.M. technical presentation. Complete details will be posted to this list and on our web site shortly thereafter. (Please hold any phone/e-mail questions until after the announcement.)

If you're planning to attend to attend Hamcon,

[Non-text portions of this message have been removed]

# 91. Re: Military Radio Surplus Book (Item #1374918239)

Yahoo group: atlas_radio
Date: 2003-09-15 20:27:31 UTC
From: John Grow
Topic: 91  Message: 91

Scott, it came this week, and the book was dropped off at the Post Office
with delivery confirmation.
John
----- Original Messag

[Non-text portions of this message have been removed]

# 92. Re: Re: Nikon 70-300 AF G lens

Yahoo group: atlas_radio
Date: 2003-09-19 22:41:44 UTC
From: Tim Ryan
Topic: 92  Message: 92

Thanks for the note, I'll email you once it arrives just for closure.

Take care

Tim
>
> From: "Nikon" <Nikon@...>
> Date: 2003/04/23 Wed PM 02:33:10 CDT
> To: "Tim Ryan" <timothy.m.r

[Non-text portions of this message have been removed]

# 94. fs: Yaesu FT-901DM $350. Shipped & More Stuff

Yahoo group: atlas_radio
Date: 2003-10-11 15:43:59 UTC
From: Colburn
Topic: 94  Message: 94

Need to sell my Yaesu FT-901DM HF multimode transceiver. Includes the factory installed dc-dc converter accessory. (Other than the dc-dc converter I believe it is stock, no mods and no extra filters, etc)

Will also include a homebrew (QST-design) keyer.

I am asking $350. including packing and shipping to standard addresses in the continental US. $325. if you want to choose the shipper and pay the shipping.

(Not included but the Shure 450 desk mic listed below should work real well with the rig.)

Also have for sale:

1. Radio Shack HTX-100 w/mic & mobile mounting bracket.
Asking $75. shipped.
2. Atlas 350XL Docking Station & PS-350 Power Supply Case.
Asking $70. shipped.
3. Heathkit HM-2102 SWR/Power Meter (nice) Asking $35. shipped.
4. Shure 450 desk mic (nice) Asking $40. shipped.
5. Morrow MBR-5 Am/CW RX w/dc-dc supply, speaker, manual, etc.
Asking $170. shipped.
6. RCA VEETAC/TAC-200 2m repeater 100W duplexed w/original manual (incl. lots of extra RCA parts & a RCA mobile mic)
Asking $100. shipped.
7. Motorola MT-500 HT's (3) with 12-Unit charging rack. All HT's appear to be working and have multiple freqs in the 154MHz range.
Asking $75. for the lot, shipped.

--
--
~~~
o['|']o
\~/
| ```@ {Thanks! & 73 doc kd4e}
| |__/
~~~~~~
Why Amateur Radio? Electronics, communicating, and helping others.
Why Linux? Better than Microsoft & Apple, user controlled, it works.
|
Jesus === Freedom
|
~~~~~~
~~~~~~

96. IF YOU WANT TO SELL HAM RADIOS AND PARTS

Yahoo group: atlas_radio
Date: 2003-11-02 17:54:45 UTC
From: rowentrypb
Topic: 96 Message: 96

Check out this place for Auctions and Fixed price Sales (No
listing fee).

I personally liked the amazing : "AUTO-RELIST UNTIL SOLD" option.

http://www.check-it-out-here.org

97. 350XLT Docking Station & 350PS Power Supply Case

Yahoo group: atlas_radio
Date: 2003-11-03 01:44:53 UTC
From: Colburn
Topic: 97 Message: 97

Sell or Swap:

350XLT Docking Station & 350PS Power Supply Case

What-cha-got or wanna-pay?

They are taking up space and hobby budget unnecessarily since my 350XLT departed ... ;-(

73, doc kd4e

98. Schematic for Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2003-11-07 20:25:00 UTC
From: w8dow
Topic: 98 Message: 98

I have been looking a Atlas 210x Limited Edition manual/schematic.
This radio is a little different than the regular 210x it has higher
output plus RIT control. Some one unsucessfully replace the function
switch with a regular switch. I have a 210x manual but does not show
extra wires to accs. connector, amp & RIT control.
Thanks 73 Rich

100. Re: [atlas_radio] This Is The Best Thing I Ever Found!!!

Yahoo group: atlas_radio
Date: 2003-11-11 13:46:50 UTC
From: Dan W. Dooley
Topic: 100 Message: 100

Wonder if she uses her Atlas radio between shopping trips. Sigh........

No escape for spam, is there. Hmmm, with all that grocery money saved,
maybe I could buy a new radio. hi hi

Dan W. Dooley WB5TKA
email: dandooley@...
http://www.dooleystreasurechest.com

----- Original Message -----
From: "melisascg" <melisascg@...>
To: <atlas_radio@yahoogroups.com>
Sent: Monday, November 10, 2003 9:23 PM
Subject: [atlas_radio] This Is The Best Thing I Ever Found!!!

> I am a WAHM of 3 boys and my friend at Gymboree gave me the best tip
> I have ever received. She told me about this company located at:
> http://www.wrldofproducts.com and showed me her receipts of how she
> is getting her groceries for pennies on the dollar. I immediately
> joined the program and had the same amazing results. Week after week
> I have been saving a minimum of 70% on all my groceries. Just
> yesterday the cashier at my local Winn Dixie asked me how I do it, I
> told her about the program and she said that at least 2 dozen other
> people told her about it. Each week on top of the savings, I am able
> to get several items completely free. I only had to pay $ 13.16 for
> over $ 197.00 worth of groceries yesterday
>
>

101. Re: This Is The Best Thing I Ever Found!!!

Yahoo group: atlas_radio
Date: 2003-11-11 13:51:42 UTC
From: Jim
Topic: 100 Message: 101

--- In atlas_radio@yahoogroups.com, "Dan W. Dooley" <dandooley@p...>
wrote:
> Wonder if she uses her Atlas radio between shopping trips.
Sigh........

Sorry about that. The SPAMmers do their midnight smash-and-grabs
just like the petty criminals do. I suppose I could put up burglar
bars like on my other groups, but new members wouldn't like that.

N6OTQ

102. Re: [atlas_radio] Re: This Is The Best Thing I Ever Found!!!

Yahoo group: atlas_radio
Date: 2003-11-11 18:41:20 UTC
From: Dan W. Dooley
Topic: 100 Message: 102

Nah, not worth the extra hassle and the bother to new members. It's not
been enough of a problem to bother with. I just thought it was humorous.
The subject of the message, that is.

Dan W. Dooley WB5TKA
email: dandooley@...
http://www.dooleystreasurechest.com

----- Original Message -----
From: "Jim" <jstrohm@...>
To: <atlas_radio@yahoogroups.com>
Sent: Tuesday, November 11, 2003 7:51 AM
Subject: [atlas_radio] Re: This Is The Best Thing I Ever Found!!!

> --- In atlas_radio@yahoogroups.com, "Dan W. Dooley" <dandooley@p...>
> wrote:
> > Wonder if she uses her Atlas radio between shopping trips.
> Sigh........
>
> Sorry about that. The SPAMmers do their midnight smash-and-grabs
> just like the petty criminals do. I suppose I could put up burglar
> bars like on my other groups, but new members wouldn't like that.
>
>
> N6OTQ
>

103. Re: [atlas_radio] Re: This Is The Best Thing I Ever Found!!!

Yahoo group: atlas_radio
Date: 2003-11-11 19:06:40 UTC
From: Jim Strohm
Topic: 100 Message: 103

On Nov 11, 2003, at 12:41 PM, Dan W. Dooley wrote:

> Nah, not worth the extra hassle and the bother to new members. It's
> not
> been enough of a problem to bother with. I just thought it was
> humorous.
> The subject of the message, that is.
>

LOL. Usually, that "best thing" being touted in SPAM isn't quite as
much a subject for polite conversation as grocery coupons.

N6OTQ

104. Re: [atlas_radio] Re: This Is The Best Thing I Ever Found!!!

Yahoo group: atlas_radio
Date: 2003-11-11 20:48:42 UTC
From: Marc
Topic: 100 Message: 104

ughhhhhh
--- Jim Strohm <jstrohm@...> wrote:
>
> On Nov 11, 2003, at 12:41 PM, Dan W. Dooley wrote:
>
> > Nah, not worth the extra hassle and the bother to
> new members. It's
> > not
> > been enough of a problem to bother with. I just
> thought it was
> > humorous.
> > The subject of the message, that is.
> >
>
> LOL. Usually, that "best thing" being touted in
> SPAM isn't quite as
> much a subject for polite conversation as grocery
> coupons.
>
>
> N6OTQ
>
>

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105. Digital shortwave

Yahoo group: atlas_radio
Date: 2003-11-13 17:56:59 UTC
From: tt0ni
Topic: 105 Message: 105

To discuss digital shortwave http://www.groups.yahoo.com/group/DRM-L

106. Re: [atlas_radio] 350XLT Docking Station & 350PS Power Supply Case

Yahoo group: atlas_radio
Date: 2003-11-16 16:56:11 UTC
From: Marc
Topic: 97 Message: 106

$30 for the 350xl stuff?

Marc
--- Colburn <kd4e@...> wrote:
> Sell or Swap:
>
> 350XLT Docking Station & 350PS Power Supply Case
>
> What-cha-got or wanna-pay?
>
> They are taking up space and hobby budget
> unnecessarily since my 350XLT
> departed ... ;-(
>
> 73, doc kd4e
>
>

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107. Re: [atlas_radio] 350XLT Docking Station & 350PS Power Supply Case

Yahoo group: atlas_radio
Date: 2003-11-17 01:16:18 UTC
From: Jim Strohm
Topic: 97 Message: 107

Marc, you should almost be ashamed of yourself, but we all like bargains and it's much better for Atlas stuff to be sold cheap to a good home than to wind up in the dumpster.

Sellers may want to indicate a price range and set realistic expectations.

Jim N6OTQ
your humble moderator

On Nov 16, 2003, at 10:56 AM, Marc wrote:

> $30 for the 350xl stuff?
>

108. Re: [atlas_radio] 350XLT Docking Station & 350PS Power Supply Case

Yahoo group: atlas_radio
Date: 2003-11-17 03:00:16 UTC
From: Marc
Topic: 97 Message: 108

it is just the case.....not the power supply

--- Jim Strohm <jstrohm@...> wrote:
> Marc, you should almost be ashamed of yourself, but
> we all like
> bargains and it's much better for Atlas stuff to be
> sold cheap to a
> good home than to wind up in the dumpster.
>
> Sellers may want to indicate a price range and set
> realistic
> expectations.
>
> Jim N6OTQ
> your humble moderator
>
>
>
> On Nov 16, 2003, at 10:56 AM, Marc wrote:
>
> > $30 for the 350xl stuff?
> >
>
>

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http://antispam.yahoo.com/whatsnewfree

109. Re: [atlas_radio] 350XLT Docking Station & 350PS Power Supply Case

Yahoo group: atlas_radio
Date: 2003-11-17 03:03:09 UTC
From: Marc
Topic: 97 Message: 109

Yes...a case.....no guts. Wht would YOU pay for it?
--- Jim Strohm <jstrohm@...> wrote:
> Marc, you should almost be ashamed of yourself, but
> we all like
> bargains and it's much better for Atlas stuff to be
> sold cheap to a
> good home than to wind up in the dumpster.
>
> Sellers may want to indicate a price range and set
> realistic
> expectations.
>
> Jim N6OTQ
> your humble moderator
>
>
>
> On Nov 16, 2003, at 10:56 AM, Marc wrote:
>
> > $30 for the 350xl stuff?
> >
>
>

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http://antispam.yahoo.com/whatsnewfree

110. Re: [atlas_radio] 350XLT Docking Station & 350PS Power Supply Case

Yahoo group: atlas_radio
Date: 2003-11-17 03:22:44 UTC
From: Colburn
Topic: 97 Message: 110

Marc is my hero. A good horsetrader!

I have posted the dock and empty (well mostly empty) PS
case several times on several lists over the past few months.
Lots of interest, one buyer who changed his mind when something
he was selling fell through, and now after several weeks I
posted again and Marc made a creative offer.

Y'all need to stop pushing his buttons ... he done good!

;-) 73, doc kd4e

Marc wrote:
> Yes...a case.....no guts. Wht would YOU pay for it?
> --- Jim Strohm <jstrohm@...> wrote:
>
>>Marc, you should almost be ashamed of yourself, but
>>we all like
>>bargains and it's much better for Atlas stuff to be
>>sold cheap to a
>>good home than to wind up in the dumpster.
>>
>>Sellers may want to indicate a price range and set
>>realistic
>>expectations.
>>
>>Jim N6OTQ
>>your humble moderator
>>
>>
>>
>>On Nov 16, 2003, at 10:56 AM, Marc wrote:
>>
>>
>>>$30 for the 350xl stuff?

111. The latest PayPal "phishing" scam

Yahoo group: atlas_radio
Date: 2004-01-16 16:39:56 UTC
From: Jim
Topic: 111 Message: 111

Read about it here...

http://tinyurl.com/2svud

Jim N6OTQ

112. Wanted Schematic for Limited Edition 210X

Yahoo group: atlas_radio
Date: 2004-01-17 01:45:30 UTC
From: w8dow
Topic: 112 Message: 112

I have tried web sites, vendors, and radio nets for a schematic for
The Limited Edition 210X Atlas Radio. The only schematics I can find
are for the plain 210X/215X. If some could help me find a source I
would appreciate it.
73
Rich W8DOW

113. Re: [atlas_radio] Wanted Schematic for Limited Edition 210X

Yahoo group: atlas_radio
Date: 2004-01-17 02:53:35 UTC
From: Jim Strohm
Topic: 112 Message: 113

On Jan 16, 2004, at 7:45 PM, w8dow wrote:

> I have tried web sites, vendors, and radio nets for a schematic for
> The Limited Edition 210X Atlas Radio. The only schematics I can find
> are for the plain 210X/215X. If some could help me find a source I
> would appreciate it.

Rich,

Within reason, most of the boards between the 210X/215X/Limited Edition are the same.

The LE had a different paint job and the adjustable noise blanker vs. the switched one. As far as I know, there were no other significant differences, besides minor product updates. The LE had all the newest revisions of the boards.

I'm in the middle of moving and right now I'm positive I cannot lay my hands on my 210X manual tonight. HOWEVER -- the gentlemen who made Atlas rigs were decent enough to label the silkscreens of individual boards with a nomenclature like PC-100, PC-120, PC-200, etc.

If the board numbers are the same, at least the functionality is the same, and the schematics SHOULD be the same. Here's what I can offer -- if you will gently open your 210X LE and copy the numbers off the boards, and post those here, I'll check against my 210X with the variable NB and we can compare notes. If yours are the same as mine, the boards and hence all the rest _should_ be the same.

If there are differences, at least you've got a starting point.

I'll also look in the likeliest place for my manual (good luck to me!!) and report back.

Is your need for manuals because you want to complete a set, or because you have some operational issues? We can help with the operational issues here, but manuals? The LE manuals are as scarce as hen's teeth, because so few were made.

Atlases are prone to a few common problems -- one being oxidized sockets -- that may be relieved simply by pulling and reseating the boards. And while they're out, reseat the socketed ICs -- don't remove 'em, just lift 'em a little and then fully reseat.

Naturally, remove and replace the boards ONE AT A TIME.

Use appropriate anti-static precautions and a static-free work surface, naturally (a spray can of Static-Gard will give temporary protection to

a lint-free surface).

Hope this is a start.

Jim N6OTQ

114. Re: [atlas_radio] Wanted Schematic for Limited Edition 210X

Yahoo group: atlas_radio
Date: 2004-01-17 03:41:28 UTC
From: Marc
Topic: 112 Message: 114

My early 210 has the pot in the NB circuit. My late
210 has a toggle switch.

The 210X Limited has RIT circuit added and an
alledgedly higher output PA.

Marc WR2I
--- Jim Strohm <jstrohm@...> wrote:
>
> On Jan 16, 2004, at 7:45 PM, w8dow wrote:
>
> > I have tried web sites, vendors, and radio nets
> for a schematic for
> > The Limited Edition 210X Atlas Radio. The only
> schematics I can find
> > are for the plain 210X/215X. If some could help me
> find a source I
> > would appreciate it.
>
> Rich,
>
> Within reason, most of the boards between the
> 210X/215X/Limited Edition
> are the same.
>
> The LE had a different paint job and the adjustable
> noise blanker vs.
> the switched one. As far as I know, there were no
> other significant
> differences, besides minor product updates. The LE
> had all the newest
> revisions of the boards.
>
> I'm in the middle of moving and right now I'm
> positive I cannot lay my
> hands on my 210X manual tonight. HOWEVER -- the
> gentlemen who made
> Atlas rigs were decent enough to label the
> silkscreens of individual
> boards with a nomenclature like PC-100, PC-120,
> PC-200, etc.
>
> If the board numbers are the same, at least the
> functionality is the
> same, and the schematics SHOULD be the same. Here's

> what I can offer
> -- if you will gently open your 210X LE and copy the
> numbers off the
> boards, and post those here, I'll check against my
> 210X with the
> variable NB and we can compare notes. If yours are
> the same as mine,
> the boards and hence all the rest _should_ be the
> same.
>
> If there are differences, at least you've got a
> starting point.
>
> I'll also look in the likeliest place for my manual
> (good luck to me!!)
> and report back.
>
> Is your need for manuals because you want to
> complete a set, or because
> you have some operational issues? We can help with
> the operational
> issues here, but manuals? The LE manuals are as
> scarce as hen's teeth,
> because so few were made.
>
> Atlases are prone to a few common problems -- one
> being oxidized
> sockets -- that may be relieved simply by pulling
> and reseating the
> boards. And while they're out, reseat the socketed
> ICs -- don't remove
> 'em, just lift 'em a little and then fully reseat.
>
> Naturally, remove and replace the boards ONE AT A
> TIME.
>
> Use appropriate anti-static precautions and a
> static-free work surface,
> naturally (a spray can of Static-Gard will give
> temporary protection to
> a lint-free surface).
>
> Hope this is a start.
>
> Jim N6OTQ
>
>

_____
Do you Yahoo!?

Yahoo! Hotjobs: Enter the "Signing Bonus" Sweepstakes
http://hotjobs.sweepstakes.yahoo.com/signingbonus

115. Atlas 350XL Accessories

Yahoo group: atlas_radio
Date: 2004-01-17 16:48:42 UTC
From: Colburn
Topic: 115 Message: 115

I have a 350-PS power supply case and a docking
station for a 350XLT, but no longer have an Atlas
rig.

I'd like to find a good home for them, or at least the
dock since I can convert the PS case to another purpose.

Anyone want the dock for $25. including shipping conus?

73, doc kd4e

116. Re: [atlas_radio] Wanted Schematic for Limited Edition 210X

Yahoo group: atlas_radio
Date: 2004-01-17 17:09:37 UTC
From: Jim Strohm
Topic: 112 Message: 116

Something I just found ...

<http://www.rigpix.com/atlas/atlasselect.htm>

117. Re: [atlas_radio] Wanted Schematic for Limited Edition 210X

Yahoo group: atlas_radio
Date: 2004-01-18 03:30:18 UTC
From: richard debusschere
Topic: 112 Message: 117

Marc
Thanks for the information - The reason I need a LE schematic is someone worked on the radio and some one tried replace the function switch with a a standard two pole switch. I replaced the special function switch with a 5 position 4 pole switch wiring it to function per an earlier schematic I have. The radio functions but I had no idea were to connect the wire leading to the rit circuit when I matched wire color the radio does not function. The radio also uses a pot for adjusting frequency verse miniture variable cap. The boards look same as the other 3 210x/215x I have. I have 3 main schematics(manuals) dated as late as 1977 but none showing rit circuit and the transistor on terminal board mounted on the front panel.

As comon problems to date I have had in two radios are shorted blue colored tantalum 22 mfd capacitors in different circuits.

Thanks for your help.
73
Rich
Marc <wr2i@...> wrote:
My early 210 has the pot in the NB circuit. My late
210 has a toggle switch.

The 210X Limited has RIT circuit added and an
alledgedly higher output PA.

Marc WR2I
--- Jim Strohm <jstrohm@...> wrote:
>
> On Jan 16, 2004, at 7:45 PM, w8dow wrote:
>
> > I have tried web sites, vendors, and radio nets
> for a schematic for
> > The Limited Edition 210X Atlas Radio. The only
> schematics I can find
> > are for the plain 210X/215X. If some could help me
> find a source I
> > would appreciate it.
>
> Rich,
>
> Within reason, most of the boards between the
> 210X/215X/Limited Edition
> are the same.
>
> The LE had a different paint job and the adjustable
> noise blanker vs.
> the switched one. As far as I know, there were no

> other significant
> differences, besides minor product updates. The LE
> had all the newest
> revisions of the boards.
>
> I'm in the middle of moving and right now I'm
> positive I cannot lay my
> hands on my 210X manual tonight. HOWEVER -- the
> gentlemen who made
> Atlas rigs were decent enough to label the
> silkscreens of individual
> boards with a nomenclature like PC-100, PC-120,
> PC-200, etc.
>
> If the board numbers are the same, at least the
> functionality is the
> same, and the schematics SHOULD be the same. Here's
> what I can offer
> -- if you will gently open your 210X LE and copy the
> numbers off the
> boards, and post those here, I'll check against my
> 210X with the
> variable NB and we can compare notes. If yours are
> the same as mine,
> the boards and hence all the rest _should_ be the
> same.
>
> If there are differences, at least you've got a
> starting point.
>
> I'll also look in the likeliest place for my manual
> (good luck to me!!)
> and report back.
>
> Is your need for manuals because you want to
> complete a set, or because
> you have some operational issues? We can help with
> the operational
> issues here, but manuals? The LE manuals are as
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> because so few were made.
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> Atlases are prone to a few common problems -- one
> being oxidized
> sockets -- that may be relieved simply by pulling
> and reseating the
> boards. And while they're out, reseat the socketed
> ICs -- don't remove
> 'em, just lift 'em a little and then fully reseat.
>

> Naturally, remove and replace the boards ONE AT A
> TIME.
>
> Use appropriate anti-static precautions and a
> static-free work surface,
> naturally (a spray can of Static-Gard will give
> temporary protection to
> a lint-free surface).
>
> Hope this is a start.
>
> Jim N6OTQ
>
>

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Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/atlas_radio/

To unsubscribe from this group, send an email to:
atlas_radio-unsubscribe@yahoogroups.com

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[Non-text portions of this message have been removed]

118. Re: [atlas_radio] Wanted Schematic for Limited Edition 210X

Yahoo group: atlas_radio
Date: 2004-01-18 16:01:38 UTC
From: Marc
Topic: 112 Message: 118

I wish I could help, but I don't have a print on the
LE. I do know one person that has one, but he is hard
to contact overseas, and unknown if he has a print.

Sometimes you need to find a working unit to fix a bad
one. This is how I fixed my 206 VFO and now I have
two!

Good luck,

Marc WR2I
--- richard debusschere <w8dow@...> wrote:
> Marc
> Thanks for the information - The reason I need a LE
> schematic is someone worked on the radio and some
> one tried replace the function switch with a a
> standard two pole switch. I replaced the special
> function switch with a 5 position 4 pole switch
> wiring it to function per an earlier schematic I
> have. The radio functions but I had no idea were to
> connect the wire leading to the rit circuit when I
> matched wire color the radio does not function. The
> radio also uses a pot for adjusting frequency verse
> miniture variable cap. The boards look same as the
> other 3 210x/215x I have. I have 3 main
> schematics(manuals) dated as late as 1977 but none
> showing rit circuit and the transistor on terminal
> board mounted on the front panel.
>
> As comon problems to date I have had in two radios
> are shorted blue colored tantalum 22 mfd capacitors
> in different circuits.
>
> Thanks for your help.
> 73
> Rich
> Marc <wr2i@...> wrote:
> My early 210 has the pot in the NB circuit. My late
> 210 has a toggle switch.
>
> The 210X Limited has RIT circuit added and an
> alledgedly higher output PA.
>
> Marc WR2I
> --- Jim Strohm <jstrohm@...> wrote:
> >

> > On Jan 16, 2004, at 7:45 PM, w8dow wrote:
> >
> > > I have tried web sites, vendors, and radio nets
> > for a schematic for
> > > The Limited Edition 210X Atlas Radio. The only
> > schematics I can find
> > > are for the plain 210X/215X. If some could help
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> > find a source I
> > > would appreciate it.
> >
> > Rich,
> >
> > Within reason, most of the boards between the
> > 210X/215X/Limited Edition
> > are the same.
> >
> > The LE had a different paint job and the
> adjustable
> > noise blanker vs.
> > the switched one. As far as I know, there were no
> > other significant
> > differences, besides minor product updates. The
> LE
> > had all the newest
> > revisions of the boards.
> >
> > I'm in the middle of moving and right now I'm
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> > gentlemen who made
> > Atlas rigs were decent enough to label the
> > silkscreens of individual
> > boards with a nomenclature like PC-100, PC-120,
> > PC-200, etc.
> >
> > If the board numbers are the same, at least the
> > functionality is the
> > same, and the schematics SHOULD be the same.
> Here's
> > what I can offer
> > -- if you will gently open your 210X LE and copy
> the
> > numbers off the
> > boards, and post those here, I'll check against my
> > 210X with the
> > variable NB and we can compare notes. If yours
> are
> > the same as mine,
> > the boards and hence all the rest _should_ be the

> > same.
> >
> > If there are differences, at least you've got a
> > starting point.
> >
> > I'll also look in the likeliest place for my
> manual
> > (good luck to me!!)
> > and report back.
> >
> > Is your need for manuals because you want to
> > complete a set, or because
> > you have some operational issues? We can help
> with
> > the operational
> > issues here, but manuals? The LE manuals are as
> > scarce as hen's teeth,
> > because so few were made.
> >
> > Atlases are prone to a few common problems -- one
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> > sockets -- that may be relieved simply by pulling
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> > boards. And while they're out, reseat the
> socketed
> > ICs -- don't remove
> > 'em, just lift 'em a little and then fully reseat.
> >
> > Naturally, remove and replace the boards ONE AT A
> > TIME.
> >
> > Use appropriate anti-static precautions and a
> > static-free work surface,
> > naturally (a spray can of Static-Gard will give
> > temporary protection to
> > a lint-free surface).
> >
> > Hope this is a start.
> >
> > Jim N6OTQ
> >
> >
>
>
> _____
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> Sweepstakes
> http://hotjobs.sweepstakes.yahoo.com/signingbonus
>

>
> ---
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/atlas_radio/
>
> To unsubscribe from this group, send an email to:
> atlas_radio-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the
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> [Non-text portions of this message have been
> removed]
>
>

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119. Need A Dail For My Atlas-210X

Yahoo group: atlas_radio
Date: 2004-01-20 03:16:57 UTC
From: Rick
Topic: 119 Message: 119

Hi All,...I'm looking for a used or new Dail for my 210-X, know were i can get one?......Thank You ....Rick KQ4UV

120. Re: [atlas_radio] Need A Dail For My Atlas-210X

Yahoo group: atlas_radio
Date: 2004-01-20 03:42:31 UTC
From: Jim Strohm
Topic: 119 Message: 120

On Jan 19, 2004, at 9:16 PM, Rick wrote:

> Hi All,...I'm looking for a used or new Dail for my 210-X, know were
> i can get one?......Thank You ....Rick KQ4UV

Broken plastic? I've had good luck with both crazy glue and epoxy, but I had all the pieces.

AFAIK there are no aftermarket sources, so you'll have to find a parts Atlas. Any donor sets out there? The dial is a complicated enough piece that homebrewing a new one is almost out of the question.

Jim N6OTQ

121. Re: [atlas_radio] Need A Dail For My Atlas-210X

Yahoo group: atlas_radio
Date: 2004-01-20 03:51:02 UTC
From: Marc
Topic: 119 Message: 121

I fixed mine with a chrome plated radio knob and crazy glue from a land mobile rig.

if you want a new one, RF parts has unused but undrilled dials. He wanted $25 for one though which is obscene.

Marc WR2I

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122. Re: [atlas_radio] Need A Dail For My Atlas-210X

Yahoo group: atlas_radio
Date: 2004-01-20 04:03:51 UTC
From: Jim Strohm
Topic: 119 Message: 122

On Jan 19, 2004, at 9:51 PM, Marc wrote:

> I fixed mine with a chrome plated radio knob and crazy
> glue from a land mobile rig.
>
> if you want a new one, RF parts has unused but
> undrilled dials. He wanted $25 for one though which is
> obscene.

For the big dial drum? $25 is not so bad. For just the tuning knob -- both my 210x's have spinner-knob dials off of some unknown military surplus. I never really liked either the look or the feel of the factory knobs, and I happened across the replacements at a radio flea market for a buck each. The rest is history.

Sure makes QSY a pleasure to turn that crank like crazy!

Maybe somebody would care to measure their dial drum and make a pseudo-blueprint for the rest of us. It just might turn out that there's an easily obtained clear plastic cylinder of the correct diameter that could be cut down and fitted with a set-screw hub. As for the dial tape -- Xerox machine!

As soon as things calm down here in the new house, I may be a lot more willing to tackle these projects. As it was, I spent my afternoon moving my rather substantial HP 8690 sweep generator collection. Four generators, two plug-in chasses, and a washer/dryer combo and half a ton of other rack-mount gear.

Anybody else have an HP 8690 and need plug-ins? I have some extras ...

Jim N6OTQ

123. Re: [atlas_radio] Need A Dail For My Atlas-210X

Yahoo group: atlas_radio
Date: 2004-01-20 05:51:05 UTC
From: K5HML - Harry
Topic: 119 Message: 123

What is RF Parts url?
Might he also have VFO dials for Swan 500/500C/500CX?

Harry, K5HML
San Antonio

--- Marc <wr2i@...> wrote:
> I fixed mine with a chrome plated radio knob and
> crazy
> glue from a land mobile rig.
>
> if you want a new one, RF parts has unused but
> undrilled dials. He wanted $25 for one though which
> is
> obscene.
>
>
> Marc WR2I
>
> _____
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>

_____
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124. Re: [atlas_radio] Need A Dail For My Atlas-210X

Yahoo group: atlas_radio
Date: 2004-01-20 12:07:00 UTC
From: Marc
Topic: 119 Message: 124

www.rfparts.com

No swan parts.....at one time, Merit (the owner)was an
Atlas servicer and purchased leftover parts from Herb
Johnson which consisted mainly of VFO dials, PA
transistors and "S" meters. He doesn't advertise the
dials, but he had them as of 5 years ago last time he
and I chatted. You will most likely need to speak with
him, try 1-800RFPARTS.

Marc WR2I
--- K5HML - Harry <k5hml@...> wrote:
> What is RF Parts url?
> Might he also have VFO dials for Swan
> 500/500C/500CX?
>
> Harry, K5HML
> San Antonio
>
> --- Marc <wr2i@...> wrote:
> > I fixed mine with a chrome plated radio knob and
> > crazy
> > glue from a land mobile rig.
> >
> > if you want a new one, RF parts has unused but
> > undrilled dials. He wanted $25 for one though
> which
> > is
> > obscene.
> >
> >
> > Marc WR2I
> >
> > _________________________________
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> > Sweepstakes
> > http://hotjobs.sweepstakes.yahoo.com/signingbonus
> >
>
>
> _________________________________
> Do you Yahoo!?
> Yahoo! Hotjobs: Enter the "Signing Bonus"
> Sweepstakes

> http://hotjobs.sweepstakes.yahoo.com/signingbonus
>

Do you Yahoo!?
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http://hotjobs.sweepstakes.yahoo.com/signingbonus

125. Atlas 210x for sale

Yahoo group: atlas_radio
Date: 2004-03-28 17:40:03 UTC
From: stuartliss
Topic: 125 Message: 125

Hi,

I'm thinking of selling my 210X with console power supply. This radio has been retrofitted with a digital display replacing the analog drum mechanism.

What's it worth?

Stuart, WA2PQE

126. Re: Atlas 210x for sale

Yahoo group: atlas_radio
Date: 2004-03-29 00:14:00 UTC
From: Jim
Topic: 125 Message: 126

--- In atlas_radio@yahoogroups.com, "stuartliss" <stuartliss@y...> wrote:

> I'm thinking of selling my 210X with console power supply. This radio
> has been retrofitted with a digital display replacing the analog drum
> mechanism.
>
> What's it worth?

Alas, "whatever the market will bear." Ebay is a good place to check for recent sales of a 210X. There used to be a website that tracked sales of amateur gear, but I'm not sure whether it's still up or whether it's up-to-date. It was very good for watching Collins and Heath, and new riceboxes, but not so good for Atlases and a few of the oddball collectibles that went through the roof on ebay.

FWIW, I paid $200 for the last 210X in a console that I bought, and $150 for a Communications Concepts (I think) digital readout kit. This was in 1991 dollars.

Today our economy is as scrooged as it was then, maybe worse -- the last nice 210X in a console I saw at a swapfest was marked $150. Depending on how clean and functional yours is -- go from there.

I cannot see selling any rig if I can't get fair value for it. If you're happy at $250, you should be able to get it, but I have much more sentimental value in my Atlases than that.

And sadly, no money in the till for new radios any time soon.

Jim N6OTQ

128. Wanted: Atlas 110 Amateur Bands Receiver

Yahoo group: atlas_radio
Date: 2004-04-14 01:17:51 UTC
From: stevesebastianb
Topic: 128 Message: 128

Hello,

Looking for an Atlas 110 RX in good physical and working condition.

73 Steve, VR2XMQ

130. As promised ...

Yahoo group: atlas_radio
Date: 2004-06-18 15:32:38 UTC
From: Jim
Topic: 130 Message: 130

... the previous post offering for auction a non-Atlas-related piece of radio gear has been deleted. The poster has been banned and removed, but I expect he'll sneak back in -- or else use a commonly available yahoo "back door" that allows posting messages to groups without actually joining the group.

Because the gear in the auction was obviously intended for sale for use on 11 meters, the former user will be reported to the FCC, to ebay, and to yahoo.

My personal preference in these matters is to quietly ignore them. However, in this case it was such a significant violation of stated group rules AND of FCC regs that I couldn't let it
go.

Jim N6OTQ

131. Re: [atlas_radio] Check out this 1.5KW BAD BOY Power Amp!!!

Yahoo group: atlas_radio
Date: 2004-06-18 22:38:32 UTC
From: K5HML - Harry
Topic: 131 Message: 131

Wanna bet that some idiot will try to use that
Class C amp on 11 meter SSB? Apparently there
are quite a few of them around because every
once in a while on the highway I get wiped out
on 2 meter FM.

Harry
K5HML
San Antonio

Do you Yahoo!?
Yahoo! Mail is new and improved - Check it out!
http://promotions.yahoo.com/new_mail

134. Dial for Atlas 210X on Ebay (not by me) re: posts 119+

Yahoo group: atlas_radio
Date: 2004-09-15 14:37:34 UTC
From: wa2dax
Topic: 134 Message: 134

Reasonable.
Ad: Atlas 210X Dial Display Assembly
Ebay Item number: 5719737186
Kane, WA2DAX

135. Atlas 210 - black frequency dial, white background meter.

Yahoo group: atlas_radio
Date: 2004-10-20 06:17:07 UTC
From: wa2dax
Topic: 135 Message: 135

As an avid Atlas user and collector, I am always searching places for Atlas items, both to add to collection and learn about new or previously unknown items to me. Recently on one of the main auction sites I observed an Atlas 210 (not an "X", "M", or "LE" model). The seller included photos. The unit had a black frequency dial (appeared to be for the 210 frequency range) and white meter...normally found in the 180 series. I e-mailed the seller and asked about the rig. He was not the original owner and could not offer any information. Anyone else come across one of these or know anything about this variation?
73.
Kane

136. CORRECTION: Atlas 210 - black frequency dial, white background meter.

Yahoo group: atlas_radio
Date: 2004-10-26 16:54:18 UTC
From: wa2dax
Topic: 136 Message: 136

When re-reading my post, I discovered an error in my listing. The way it was originally posted describes pretty much a 210. The one I observed had a white frequency dial (scale) and a white background meter...never saw this variation before and wonder if the party "home-made" the scale. Sorry for the confusion.
73.
Kane

137. CORRECTION: Atlas 210 - black frequency dial, white background meter.

Yahoo group: atlas_radio
Date: 2004-10-26 16:49:06 UTC
From: wa2dax
Topic: 135 Message: 137

Ouch! Just realized I made a mistake when I listed this - the black dial is a stock item in these radios; the one I observed had a WHITE frequency dial (like the 180, but on a 210) and a white meter background.
Sorry for the confusion.
73.
Kane

138. Correct Mic Plug PluG RS part#

Yahoo group: atlas_radio
Date: 2004-10-27 14:13:37 UTC
From: Joe
Topic: 138 Message: 138

Anyone have the RS part# number for a mic plug for a 210X? Tnx
Joe, N9JCQ

139. Re: [atlas_radio] Correct Mic Plug PluG RS part#

Yahoo group: atlas_radio
Date: 2004-10-28 00:12:44 UTC
From: Jim Strohm
Topic: 138 Message: 139

On Oct 27, 2004, at 9:13 AM, Joe wrote:

> Anyone have the RS part# number for a mic plug for a 210X? Tnx

I don't have the RS number, but it's a standard 1/4" stereo phone plug.

Jim N6OTQ

140. test

Yahoo group: atlas_radio
Date: 2004-12-30 20:54:31 UTC
From: jstrohm@ev1.net
Topic: 140 Message: 140

test

141. Greetings

Yahoo group: atlas_radio
Date: 2005-01-02 07:05:50 UTC
From: Miodrag Spajic
Topic: 141 Message: 141

Happy New 2005 Year to you all!!!

73's de MISHA, YZ1MW

Do you Yahoo!?
Take Yahoo! Mail with you! Get it on your mobile phone.

[Non-text portions of this message have been removed]

142. IF for TK series 210.

Yahoo group: atlas_radio
Date: 2005-03-19 17:43:29 UTC
From: Bruce Sawtelle
Topic: 142 Message: 142

Hello,
I'm looking for the IF freq for the TK series 210. My manual shows
5.645, but I believe that's for the "newer" TM series

tnx es 73

Bruce - W3NJ

143. Revisited - Re: 210X frequency drift....

Yahoo group: atlas_radio
Date: 2005-03-20 02:32:28 UTC
From: Bruce Sawtelle
Topic: 41 Message: 143

Jim/N6OTQ and everyone

I just bought the DFD kit from Neil at www.aade.com and installed it on the Atlas. It's a nice kit and works great with the 210.

With the unit installed, I started to look into the receive vs. transmit freq difference I mention before (see below). Sure enough, when I go into transmit mode (no modulation), the frequency consistently changes by 100-120 Hz lower. The freq display is running from a separate supply, so I know it's not voltage droop. Also, it has a TXCO and is VERY stable with time and temp.

Do you (or anyone) have info on the function of C327 (trimmer cap) on PC-300? It's associated with the VFO FET switches and I suspect it may be causing some of the problem.

tnx es 73

de Bruce- W3NJ

--- In atlas_radio@yahoogroups.com, "w3njbruce <w3nj@a...>" <W3NJ@a...> wrote:
> Jim,
> Thanks for the info!
>
> I had previously been looking at the trimmer cap associated with the
> oscillator switch MOSFETS as one of the "unique" RX/TX components
> (are you familar with its function?).
>
> From what I remember, the 210X would drift ~500Hz (measure by
> ear...not too accurate! ;-)). I'll have to fire it up again and see
> how it does. Hopefully we can get some time between now and New Years.
>
> Hers's the other "kicker". This is one of the original 210X's without
> RIT. I'm going to buy the parts for the RIT based on an old Atlas
> Service Bulletin I dug up from somewhere. This will be my last resort
> if the problem returns and I can't clear it up otherwise.
>
> TNX es 73
>
> de Bruce -W3NJ

>
>
> --- In atlas_radio@yahoogroups.com, Jim Strohm <jstrohm@e...> wrote:
> > >All,
> > >I have a unique "twist" to an early discussion about VFO drift.
> It's
> > >been a number of years since I've tried out my 210, but I fired
it
> > >up the other day. I haven't seen this behavior yet, but remember
> it
> > >in the past.
> > >
> > >The rig is very stable at power on, especially if I just use it
> for
> > >receive. As I transmit, the RX and Tx freqs DRIFT APART. I can't
> > >remember which goes up and down, but it's as if I have an
> "automatic
> > >RIT" in the rig! ;-)
> > >
> > >I'll need to do some more testing, maybe over the holiday
period.
> In
> > >Looking at the schematic, it uses the same 2 oscillators for RX
> and
> > >TX, just switches them within the mixer. I do see a trimmer cap
on
> > >one of the FET switches, maybe it's gone "weak" over the years.
> >
> > Without my dragging out the manual ... take a look at the block
> > diagram and see where there's any part of the RX / TX chain
that's
> > different. Likeliest, the fault will be there.
> >
> > Physically, look for something that's close to the PA -- most of
> the
> > stuff on an Atlas won't get warm during TX, but you can make hot
> > cocoa with the PA heatsink.
> >
> > I would suspect that some part in the TX chain has aged and now
> > drifts. A can of "cold shot" might be of use if you can't think
> your
> > way to the answer.
> >
> > It might also be helpful to hook the rig to a large dummy load
and
> do
> > an hour-long keydown at about 20 watts and see where it drifts to.
> >
> > I've never had an Atlas that didn't drift a _little_ with high
duty

> > cycle use, as in net control duty. That's why there's a RIT knob
> and
> > a tuning knob ... and a dummy load under the bench, and a freq
> > counter in the antenna lead. Of course, "drift" is relative --
if
> > you can hear somebody's side tone change, that's drift. Moving a
> > couple hundred hertz in a long evening of contesting or net op
> isn't
> > really drift with a 25-year-old radio.
> >
> >
> >
> > Jim N6OTQ

144. Posting files to group?

Yahoo group: atlas_radio
Date: 2005-03-20 21:12:08 UTC
From: Bruce Sawtelle
Topic: 144 Message: 144

For the moderator:

I have a picture of a new freq display (www.aade.com) that I built for my 210. I assumed folks may be interested in seeing the finished product. I didn't see a "Files" section in the group. Is posting files allowed?

No ties to www.aade.com other than this purchase. No plans to sell the 210 or the display, planning to go mobile in the future.

tnx es 73

Bruce

145. Re: [atlas_radio] Posting files to group?

Yahoo group: atlas_radio
Date: 2005-03-20 21:23:06 UTC
From: jstrohm@ev1.net
Topic: 144 Message: 145

On Mar 20, 2005, at 3:12 PM, Bruce Sawtelle wrote:

> I have a picture of a new freq display (www.aade.com) that I built
> for my 210. I assumed folks may be interested in seeing the finished
> product. I didn't see a "Files" section in the group. Is posting
> files allowed?
>
> No ties to www.aade.com other than this purchase. No plans to sell
> the 210 or the display, planning to go mobile in the future.

Hi Bruce

I bet everybody here would love to see the AADE display next to your 210.

I believe I've got the files section opened up to accept files. Within reason, and within the obvious charter of the group, help yourself! I ask only that -- if it's just photos, try to confine those to the photo section, because they're a little more manageable that way.

Habitual violators will be dealt with in a creative way -- after all, I do have a wouff hong somewhere around here, and I'm going to make a rettysnitch sometime this summer.

And -- in all the time I've been moderating a yahoo group, you're the first to ask so nicely. My hat is off to you.

73
Jim N6OTQ

146. Re: Posting files to group?

Yahoo group: atlas_radio
Date: 2005-03-22 02:28:27 UTC
From: Bruce Sawtelle
Topic: 144 Message: 146

Hi Jim,

Thanks for the info, however, I don't see an entry on the left side
menu of the Yahoo group page that says "Files". Do I need to
be "approved" to access this? The other Yahoo groups have it as a
separate entry.

I see Messages, Post, Chat, Database, Polls, and Calendar.

tnx es 73

Bruce- W3NJ

--- In atlas_radio@yahoogroups.com, jstrohm@e... wrote:
>
> On Mar 20, 2005, at 3:12 PM, Bruce Sawtelle wrote:
>
>
> > I have a picture of a new freq display (www.aade.com) that I built
> > for my 210. I assumed folks may be interested in seeing the
finished
> > product. I didn't see a "Files" section in the group. Is posting
> > files allowed?
> >
> > No ties to www.aade.com other than this purchase. No plans to sell
> > the 210 or the display, planning to go mobile in the future.
>
> Hi Bruce
>
> I bet everybody here would love to see the AADE display next to
your
> 210.
>
> I believe I've got the files section opened up to accept files.
Within
> reason, and within the obvious charter of the group, help
yourself! I
> ask only that -- if it's just photos, try to confine those to the
photo
> section, because they're a little more manageable that way.
>
> Habitual violators will be dealt with in a creative way -- after
all, I
> do have a wouff hong somewhere around here, and I'm going to make a
> rettysnitch sometime this summer.
>

> And -- in all the time I've been moderating a yahoo group, you're
the
> first to ask so nicely. My hat is off to you.
>
> 73
> Jim N6OTQ

147. Re: [atlas_radio] Re: Posting files to group?

Yahoo group: atlas_radio
Date: 2005-03-22 02:53:35 UTC
From: jstrohm@ev1.net
Topic: 144 Message: 147

On Mar 21, 2005, at 8:28 PM, Bruce Sawtelle wrote:

> Thanks for the info, however, I don't see an entry on the left side
> menu of the Yahoo group page that says "Files". Do I need to
> be "approved" to access this? The other Yahoo groups have it as a
> separate entry.

"Oops."

On further inspection I saw what was going on, and recall adjusting the
security settings in June 2002.

It's better now -- or should be.

Jim N6OTQ

148. Atlas 350

Yahoo group: atlas_radio
Date: 2005-03-22 13:04:39 UTC
From: dennishhatch
Topic: 148 Message: 148

Has anyone had success with replacing the RF PA DRIVER transistor in
the 350XL.... Comments, please..
73
Dennis, WA0WAB

149. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2005-03-26 03:14:58 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 149

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 210 with freq cntr.jpg
Uploaded by : w3njbruce <W3NJ@...>
Description : AADE Frq counter with Atlas 210

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/Atlas%20210%20with%20freq%20cntr.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

w3njbruce <W3NJ@...>

151. Atlas 350-XL PA and power supply mods

Yahoo group: atlas_radio
Date: 2005-04-16 17:39:15 UTC
From: nc9k
Topic: 151 Message: 151

I have been running an Atlas 350-XL since 1985 and only experienced problems when pushing the rig past the limits of the 1980's PA and power supply transistors. I have updated my rig with the following mods and have zero problems under extreme DX abuse. For your information:

The Atlas 350-XL schematic is available from ebay seller wb3cez

The replacement RF output transistors are a matched quad of 2SC2290: http://www.rfparts.com/2sc.html

Eliminate 300pf base-emitter caps on each PA transistor and add 1000pf silver mica directly across secondary of each PA input transformer (some rigs used 1200pf caps on PA input transformer secondaries in place of 300 pf caps on PA transistors - still go to 1000PF). Place PA temp. compensation diodes (there are 2) directly on top of center PA transistors using silicon heatsink compound for good thermal bond. Add 1uf leaded chip cap from PA bias feed to ground on PA board. Add 1uf leaded chip cap across the temperature comp. diode lead to PA board ground where it leaves the PA board. Set keyed PA current to 2 amps with no RF drive. Add negative feedback to each PA transistor base to collector using 1uf leaded chip cap in series with 3 paralleled 120 ohm wirewound resistors. This adds just the right amount of low frequency negative feedback to properly stabilize the PA. Set the ALC trimmer cap. (on back of rig) on 10M with 50 ohm dummy load connected directly to rig. Proper setting will result in ALC limiting output to 100W with front panel ALC control set fully clockwise. 12 o'clock setting will result in ALC coming in at 150 watts out on all bands. Be sure to run proper ALC setting so you don't damage grids of any linear amp connected to rig.

The proper plug and play power supply output transistors are a quad of 2N5686. I purchased 5 for $15- new on ebay. Set supply to 13.5V out.

The power supply power transformer secondary has 3 equal paralleled windings. Split them up and feed them to 3 separate 35 amp 600PIV bridge rectifiers on a small heatsink mounted inside the power supply case. Add a very small low noise muffin fan inside the power supply and position it to draw outside air in through the stock side vent slots and blow air across the rectifiers and the power transformer. Change power supply wires between power supply and radio to #6 stranded wire.

These changes will result in the PA outputing 180 watts on 160 and 10M and 300 watts 80 through 20M. You can also add WARC bands to the rig with 3 crystals tied through the factory 10 position aux. band switching. You can figure the crystal specs from the manual. You cannot add 60M due to rig IF frequency.

Many other semiconductors are available from Mouser Electronics.

The receiver is extremely strong per Sherwood Engineering tests: http://www.sherweng.com/table.html

A properly performing Atlas 350-XL is very hard to beat. 73's and good DX Leland NC9K

152. Re: [atlas_radio] Updates for 350-XL power stages

Yahoo group: atlas_radio
Date: 2005-04-16 18:36:54 UTC
From: usievers@gmx.net
Topic: 152 Message: 152

Hi Leland,
it,s an very interested Mod... years ago I have bought an Atlas350-XL with a defective PA-Stage... the preowner had replaced the Original PA-Transistors by 4 x BLW85 also a matched Quad.. after it the PA-got into selfoscillation on 160-40m, not on the higher bands... I compensated the problem with low value rsistors across the 2 input transformers, but this is of course a lousy solution... your one sounds much better.. with your explanation I have one understanding problem.

What are " luf leaded chip caps"?

best 73,s Uwe DJ9XG

On 16 Apr 2005 at 17:27, nc9k wrote:

I have been running an Atlas 350-XL since 1985 and only experienced problems when pushing the rig past the limits of the 1980's PA and power supply transistors. I have updated my rig with the following mods and have zero problems under extreme DX abuse. For your information:

The Atlas 350-XL schematic is available from ebay seller wb3cez:

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&category=15050&item=5753912011

The replacement RF output transistors are a matched quad of 2SC2290:
http://www.rfparts.com/2sc.html

Eliminate 300pf base-emitter caps on each PA transistor and add 1000pf silver mica directly across secondary of each PA input transformer (some rigs used 1200pf caps on PA input transformer secondaries in place of 300 pf caps on PA transistors - still go to 1000PF). Place PA temp. compensation diodes (there are 2) directly on top of center PA transistors using silicon heatsink compound for good thermal bond. Add 1uf leaded chip cap from PA bias feed to ground on PA board. Add 1uf leaded chip cap across the temperature comp. diode lead to PA board ground where it leaves the PA board. Set keyed PA current to 2 amps with no RF drive. Add negative feedback to each PA transistor base to collector using 1uf leaded chip cap in series with 3 paralleled 120 ohm wirewound resistors. This adds just the right amount of low frequency negative feedback to properly stabilize the PA on 160M. Set the ALC trimmer cap. (on back of rig) on 10M with 50 ohm dummy load connected directly to rig. Proper setting will result in ALC limiting output to 100W with front panel ALC control set fully clockwise. 12 o'clock setting will result in ALC coming in at 150 watts out on all bands. Be sure to run proper ALC setting so you don't damage grids of any linear amp

connected to rig.

The proper plug and play power supply output transistors are a quad of 2N5686. I purchased 5 for $15- new on ebay. Set supply to 13.5V out.

The power supply power transformer secondary has 3 equal paralleled windings. Split them up and feed them to 3 separate 35 amp 600PIV bridge rectifiers on a small heatsink mounted inside the power supply case. Add a very small low noise muffin fan inside the power supply and position it to draw outside air in through the stock side vent slots and blow air across the rectifiers and the power transformer. Change power supply wires feeding rig to #6 stranded wire.

These changes will result in the PA outputing 180 watts on 160 and 10M and 300 watts 80 through 20M. You can also add WARC bands to the rig with 3 crystals tied through the factory 10 position aux. band switching. You can figure the crystal specs from the manual. You cannot add 60M due to IF frequency.

Many other semiconductors are available from Mouser Electronics.

The receiver is extremely strong per Sherwood Engineering tests: http://www.sherweng.com/table.html

The Atlas 350-XL is very hard to beat. 73's and good DX Leland NC9K

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http://groups.yahoo.com/group/atlas_radio/

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153. Re: Updates for 350-XL power stages

Yahoo group: atlas_radio
Date: 2005-04-18 01:41:21 UTC
From: nc9k
Topic: 152 Message: 153

Hello Uwe DJ9XG,

The 1uf leaded chip cap is actually a tantalum chip cap in an epoxy package with leads on it. I think Mouser Electronics sells them. They have a very low series resistance and are low loss. My PA stage also initially had too much gain with the 2SC2290's until I added the low freq. negative feedback. Now the PA is as stable as a rock, especially with the other mods for it I posted.

73's Leland NC9K

--- In atlas_radio@yahoogroups.com, usievers@g... wrote:
> Hi Leland,
> it,s an very interested Mod... years ago I have bought an Atlas350-XL with a defective
> PA-Stage... the preowner had replaced the Original PA-Transistors by 4 x BLW85 also a
> matched Quad.. after it the PA-got into selfoscillation on 160-40m, not on the higher
> bands... I compensated the problem with low value rsistors across the 2 input
> transformers, but this is of course a lousy solution... your one sounds much better..
> with your explanation I have one understanding problem.
>
> What are " luf leaded chip caps"?
>
> best 73,s Uwe DJ9XG
>
>

154. Re: [atlas_radio] Re: Updates for 350-XL power stages

Yahoo group: atlas_radio
Date: 2005-04-19 19:29:13 UTC
From: usievers@gmx.net
Topic: 152 Message: 154

Hello Leland again...
luf stand this for 1µF??? or 1 uF capacitor? I think I misunderstand it
but when i was looking very carefully to your writing I believe that you really mean 1 uF.
Please confirm.
73 de Uwe DJ9XG

On 18 Apr 2005 at 1:41, nc9k wrote:

Hello Uwe DJ9XG,

The 1uf leaded chip cap is actually a tantalum chip cap in an epoxy
package with leads on it. I think Mouser Electronics sells them.
They have a very low series resistance and are low loss. My PA
stage also initially had too much gain with the 2SC2290's until I
added the low freq. negative feedback. Now the PA is as stable as a
rock, especially with the other mods for it I posted.

73's Leland NC9K

--- In atlas_radio@yahoogroups.com, usievers@g... wrote:
> Hi Leland,
> it,s an very interested Mod... years ago I have bought an Atlas350-
XL with a defective
> PA-Stage... the preowner had replaced the Original PA-Transistors
by 4 x BLW85 also a
> matched Quad.. after it the PA-got into selfoscillation on 160-
40m, not on the higher
> bands... I compensated the problem with low value rsistors across
the 2 input
> transformers, but this is of course a lousy solution... your one
sounds much better..
> with your explanation I have one understanding problem.
>
> What are " luf leaded chip caps"?
>
> best 73,s Uwe DJ9XG
>
>

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155. Re: [atlas_radio] Re: Updates for 350-XL power stages

Yahoo group: atlas_radio
Date: 2005-04-19 19:43:56 UTC
From: dennis hatch
Topic: 152 Message: 155

Hey,

Any of you guys that are doing PA MODS......any recommendations on the driver stage? I have replaced mine with the recommended mod, and it doesn't seem to want to work......Oscillates, even with negative feedback.....

Dennis, WA0WAB

Do you Yahoo!?
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[Non-text portions of this message have been removed]

156. Re: [atlas_radio] Re: Updates for 350-XL power stages

Yahoo group: atlas_radio
Date: 2005-04-20 00:04:17 UTC
From: jstrohm@ev1.net
Topic: 152 Message: 156

On this side of the pond, 1 uF = 1 microfarad. The fact that this is a tantalum capacitor should suggest a value measured in microfarads. anything that looks like 1uf or luF or so ... your experience playing with electronics should offer a safe guess.

Please be kind to those f us who cannot type very well ...

Jim N6OTQ

On Apr 19, 2005, at 2:29 PM, usievers@gmx.net wrote:

> Hello Leland again...
> luf stand this for 1µF??? or 1 uF capacitor? I think I misunderstand
> it
> but when i was looking very carefully to your writing I believe that
> you really mean 1 uF.
> Please confirm.

157. Re: Updates for 350-XL power stages

Yahoo group: atlas_radio
Date: 2005-04-20 03:18:12 UTC
From: nc9k
Topic: 152 Message: 157

Hello Dennis,

I'm curious to know about the PA driver stage mod that causes
oscillation. What was changed in the stage?

Thanks,

Leland NC9K

--- In atlas_radio@yahoogroups.com, dennis hatch <dennishhatch@y...>
wrote:
>
>
> Hey,
>
> Any of you guys that are doing PA MODS......any recommendations on
the driver stage? I have replaced mine with the recommended mod,
and it doesn't seem to want to work......Oscillates, even with
negative feedback.....
>
> Dennis, WA0WAB
>
>
>
> ---------------------------------
> Do you Yahoo!?
> Plan great trips with Yahoo! Travel: Now over 17,000 guides!
>
> [Non-text portions of this message have been removed]

158. Re: [atlas_radio] Re: Updates for 350-XL power stages

Yahoo group: atlas_radio
Date: 2005-04-20 08:54:49 UTC
From: usievers@gmx.net
Topic: 152 Message: 158

Hi Dennis,
please let us know "what is the recommended mod to avoid oscillation on the driver stage"?
My experience is that the oscillation is generated from the PA-stage... you can check it very easily... unmont the PA-ASM but leave the wires connected... remove the 2 RCA Coaxplugs (input from driver stage and output to low pass filter). Then use a short coaxcable with a RCA Plug on each side and jumper this cable from the input jack to the output jack.... then try to transmit... you should get about 5-10W output... now running only with the driver ... when you still have oscillation, then it,s a driver problem,
if not (that,s my experience!) you have an unwanted feedback from the PA-stage producing the oscillation.... in my case it, was only from 160-40m... the higher bands were ok... main reason in my case the PA-Transistors had been changed by modern ones with much higher amplification.
73 de Uwe DJ9XG
On 19 Apr 2005 at 12:43, dennis hatch wrote:

Hey,

Any of you guys that are doing PA MODS......any recommendations on the driver stage? I have replaced mine with the recommended mod, and it doesn't seem to want to work......Oscillates, even with negative feedback.....

Dennis, WA0WAB

Do you Yahoo!?
Plan great trips with Yahoo! Travel: Now over 17,000 guides!

[Non-text portions of this message have been removed]

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http://groups.yahoo.com/group/atlas_radio/

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atlas_radio-unsubscribe@yahoogroups.com

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159. Re: [atlas_radio] Re: Updates for 350-XL power stages

Yahoo group: atlas_radio
Date: 2005-04-20 11:53:33 UTC
From: dennis hatch
Topic: 152 Message: 159

Hello

The original driver transistor is "obsolete" and no longer available. R.F. Parts has a "substitute transistor" and modification. I used it, and it is very unstable....burned up the 20 Meter Low Pass filter, and antenna relay before I could "hit the switch"! Tried some negative feedback.....but I think the transistor is now bad....$28 down the drain.....and lots of time!

73

Dennis, WA0WAB

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http://mail.yahoo.com

[Non-text portions of this message have been removed]

160. Re: Updates for 350-XL power stages

Yahoo group: atlas_radio
Date: 2005-04-22 04:25:02 UTC
From: nc9k
Topic: 152 Message: 160

Dennis

I will get a chance in the near future to analyze a proper replacement for the RF driver transistor in the 350-XL. Just about all the older transistors are currently available as a better part with a new part number. Just have to figure it out...

73's Leland NC9K

--- In atlas_radio@yahoogroups.com, dennis hatch <dennishhatch@y...> wrote:
>
>
> Hello
>
> The original driver transistor is "obsolete" and no longer available. R.F. Parts has a "substitute transistor" and modification. I used it, and it is very unstable....burned up the 20 Meter Low Pass filter, and antenna relay before I could "hit the switch"! Tried some negative feedback.....but I think the transistor is now bad....$28 down the drain.....and lots of time!
>
> 73
>
> Dennis, WA0WAB
>
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
> [Non-text portions of this message have been removed]

161. Re: [atlas_radio] Re: Updates for 350-XL power stages

Yahoo group: atlas_radio
Date: 2005-04-22 11:58:05 UTC
From: dennis hatch
Topic: 152 Message: 161

nc9k <jasminemeese@...> wrote:

Dennis

I will get a chance in the near future to analyze a proper
replacement for the RF driver transistor in the 350-XL. Just about
all the older transistors are currently available as a better part
with a new part number. Just have to figure it out...

73's Leland NC9K

Thanks LeLand,

I have a real nice 350-XL and the only thing wrong with it is the driver's shorted.....I've fixed everything else that "burned up"......but was so angry about the "power harmonic oscillator" ....I put it on the shelf!

73's

Dennis, WA0WAB

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Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

162. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2005-05-03 09:16:29 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 162

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /210_Manual/Atlas 21x Service Manuals.pdf
Uploaded by : gm4cid <bob@...>
Description :

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/210_Manual/Atlas%2021x%20Service%20Manuals
.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

gm4cid <bob@...>

163. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2005-05-03 09:20:43 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 163

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /210_Manual/Atlas 210 Sidetone.pdf
Uploaded by : gm4cid <bob@...>
Description :

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/210_Manual/Atlas%20210%20Sidetone.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

gm4cid <bob@...>

164. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2005-05-03 09:20:12 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 164

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /210_Manual/SD1405 Replacement PA.pdf
Uploaded by : gm4cid <bob@...>
Description :

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/210_Manual/SD1405%20Replacement%20PA.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

gm4cid <bob@...>

165. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2005-05-03 09:23:06 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 165

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /210_Manual/Atlas 210X Manual.pdf
Uploaded by : gm4cid <bob@...>
Description :

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/210_Manual/Atlas%20210X%20Manual.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

gm4cid <bob@...>

166. Newbie

Yahoo group: atlas_radio
Date: 2005-05-09 21:34:21 UTC
From: Paul
Topic: 166 Message: 166

Hello to all. I'm new to the group and have a question (already). Has anyone had experience with the TX-110, RX-110 combo? What would each be worth? I have a line on a RX-110 (not on the famous auction site).
Thanks
Paul
KS2S

167. ATLAS logo

Yahoo group: atlas_radio
Date: 2005-05-11 15:41:45 UTC
From: Paul
Topic: 167 Message: 167

Does anuone have an ATLAS logo in jpeg that they couls send me?
Thanks,
Paul
KS2S

168. is there a "fix it" guy?

Yahoo group: atlas_radio
Date: 2005-05-15 22:39:38 UTC
From: tom
Topic: 168 Message: 168

Is there a "go-to" guy in the forum that can give my 210X a real going over? It works (somewhat) but I don't really know where to start to give it a complete checkup to make sure I'm not out of band or puking harmonics all over. I bought it at a yard sale and It's been gathering dust for four or five years. Now I reall want to start using it.
THanks!
Tom
KD6MES

169. Re: [atlas_radio] is there a "fix it" guy?

Yahoo group: atlas_radio
Date: 2005-05-15 22:47:26 UTC
From: dennis hatch
Topic: 168 Message: 169

tom <tomnan2004@...> wrote:
Is there a "go-to" guy in the forum that can give my 210X a real going over? It works (somewhat) but I don't really know where to start to give it a complete checkup to make sure I'm not out of band or puking harmonics all over. I bought it at a yard sale and It's been gathering dust for four or five years. Now I reall want to start using it.
THanks!
Tom
KD6MES

Hi Tom,

I'll look at it for you if you are not in a big hurry to get it back.....

73's

Dennis, WA0WAB

Do you Yahoo!?
Yahoo! Sports - Sign up for Fantasy Baseball.

[Non-text portions of this message have been removed]

170. Re: is there a "fix it" guy?

Yahoo group: atlas_radio
Date: 2005-05-15 23:03:44 UTC
From: tom
Topic: 168 Message: 170

--- In atlas_radio@yahoogroups.com, dennis hatch <dennishhatch@y...>
wrote:
>
>
> tom <tomnan2004@y...> wrote:
> Is there a "go-to" guy in the forum that can give my 210X a real going
> over? It works (somewhat) but I don't really know where to start to
> give it a complete checkup to make sure I'm not out of band or puking
> harmonics all over. I bought it at a yard sale and It's been gathering
> dust for four or five years. Now I reall want to start using it.
> THanks!
> Tom
> KD6MES
>
>
>
>
> Hi Tom,
>
> I'll look at it for you if you are not in a big hurry to get it
back.....
>
> 73's
>
> Dennis, WA0WAB
>
>
>
> ---------------------------------
> Do you Yahoo!?
> Yahoo! Sports - Sign up for Fantasy Baseball.
>
> [Non-text portions of this message have been removed]
I can sure mail it to you for a look-see. I can send the base power
supply speaker too. I don't THINK anything is broken, but who knows. I
don't have a mic and I'm not much of a whiz with a straight key
anymore so I really can't tell much about the TX. The RX sounds OK
good but the freqs are off.
Send me an address.

171. Re: [atlas_radio] Re: is there a "fix it" guy?

Yahoo group: atlas_radio
Date: 2005-05-15 23:55:10 UTC
From: dennis hatch
Topic: 168 Message: 171

Hi Tom,

Yes, it would be a good idea to send the Power Supply...as they have some common aging problems, also. I should be able to get it back in about 2-3 weeks.

We will "treat you right"....please include your phone number with the return address.

SHIP TO:

Dennis H. Hatch, WA0WAB

519 Niagara St.

Burlington, KS 66839

620-341-1938 Cell

785-827-6406 office

Yahoo! Mail
Stay connected, organized, and protected. Take the tour

[Non-text portions of this message have been removed]

172. Re: [atlas_radio] is there a "fix it" guy?

Yahoo group: atlas_radio
Date: 2005-05-16 00:03:14 UTC
From: Jim Strohm
Topic: 168 Message: 172

On May 15, 2005, at 5:39 PM, tom wrote:

> Is there a "go-to" guy in the forum that can give my 210X a real going
> over? It works (somewhat) but I don't really know where to start to
> give it a complete checkup to make sure I'm not out of band or puking
> harmonics all over. I bought it at a yard sale and It's been gathering
> dust for four or five years. Now I reall want to start using it.

FWIW, the Atlas 210 was perhaps the very first true appliance radio -- turn it on and it works. The designers were used to making mil-spec comm gear, and carried over most of the same techniques, except that they delivered a product that could be easily and economically serviced.

After almost 30 years, the biggest maintenance issues continue to be the IC sockets and the relays. Well, also dried-out e-lytics.

But the e-lytic problem is universal in all electronics that's old enough to vote. In my years, I've found only one vintage rig that didn't suffer from dried-out capacitors. It was a Hallicrafters RX nearly as old as I am (I voted for Ford) that I found in a hangar and brought up on a Variac, according to the conventional wisdom of low-and-slow.

What do you know, it was still set to the same BCB AM station that the SK owner listened to in his workshop before he passed in '93. I can only hope that his son is as delighted as pops used to be, and as I was when I got the first hum-free, hiss-free notes from its matching speaker.

Tom, best of luck with your Atlas. You want to use it like a washing machine -- every day, and a lot of times a day.

Jim N6OTQ

173. Atlas RX-110

Yahoo group: atlas_radio
Date: 2005-05-16 16:45:09 UTC
From: Paul
Topic: 173 Message: 173

I have an RX-110 receiver which looks totally different than a picture
I have of another RX-110. Evidently there were 2 different 110's made.
Anybody know anything about them?
Thanks,
Paul
KS2S

174. Re: [atlas_radio] Atlas RX-110

Yahoo group: atlas_radio
Date: 2005-05-16 19:27:18 UTC
From: dr7zyq
Topic: 173 Message: 174

One should say that it is the RX-110 Special -- which added RIT and a CW filter.

I would have to pull my non-Special out to check further, but I think those are the differences.

David, WA7ZYQ

----- Original Message -----
From: "Paul" <ultrafixedwing@...>
To: <atlas_radio@yahoogroups.com>
Sent: Monday, May 16, 2005 9:45 AM
Subject: [atlas_radio] Atlas RX-110

>I have an RX-110 receiver which looks totally different than a picture
> I have of another RX-110. Evidently there were 2 different 110's made.
> Anybody know anything about them?
> Thanks,
> Paul
> KS2S
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> Yahoo! Groups Links
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175. Re: [atlas_radio] Atlas RX-110

Yahoo group: atlas_radio
Date: 2005-05-16 19:55:46 UTC
From: dr7zyq
Topic: 173 Message: 175

Checking the original RX-110 manual, the Special also added an RF gain control which would suggest that an RF amplifier was also added. I thought that was the case.

David, WA7ZYQ

----- Original Message -----
From: "dr7zyq" <dr7zyq@...>
To: <atlas_radio@yahoogroups.com>
Sent: Monday, May 16, 2005 12:27 PM
Subject: Re: [atlas_radio] Atlas RX-110

> One should say that it is the RX-110 Special -- which added RIT and a CW
> filter.
>
> I would have to pull my non-Special out to check further, but I think
> those
> are the differences.
>
> David, WA7ZYQ
>
> ----- Original Message -----
> From: "Paul" <ultrafixedwing@...>
> To: <atlas_radio@yahoogroups.com>
> Sent: Monday, May 16, 2005 9:45 AM
> Subject: [atlas_radio] Atlas RX-110
>
>
>>I have an RX-110 receiver which looks totally different than a picture
>> I have of another RX-110. Evidently there were 2 different 110's made.
>> Anybody know anything about them?
>> Thanks,
>> Paul
>> KS2S
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176. Re: is there a "fix it" guy?

Yahoo group: atlas_radio
Date: 2005-05-17 18:54:15 UTC
From: tom
Topic: 168 Message: 176

I hadn't thought about mailing it before. I have to come up with a good way to pack it so It's not hosed when it gets to you. Peanuts and styro blocks should be fine, I guess....Has anyone else sent their Atlas by UPS? Did it get where it was going in one piece?
I have a manual for it too, but I guess if you're the GuRu go-to guy you don't really need it.
I'll fire it up before I pack it just to let you know of any strange happenings before it gets to you.
Tom

177. Shipping Atlas 210 via UPS

Yahoo group: atlas_radio
Date: 2005-05-18 11:39:42 UTC
From: Joe
Topic: 177 Message: 177

Yes, I have. I recently sold an Atlas 210X with the PS base and shipped it with no problems. I have shipped several heavy items via UPS, as much as 75 lbs, without a problem.

I ALWAYS double box the item. I use the blue Styrofoam insulating board that you can buy at Home depot or Lowe's to line the boxes. These boards come in 2X8 foot sheets and are either 1 or 2 inches thick. On the heavy stuff, I sometimes use plywood on the outer box to add strength to the box. Yes, it adds shipping expense, yes it is a pain in the butt at ties, but everything that I have shipped has gone through damage free. I pull the tubes and pack them separately, being careful to mark them as to where they came out of.

73, Joe, K1ike

---- atlas_radio@yahoogroups.com wrote:
>....Has anyone else sent their Atlas by
> UPS? Did it get where it was going in one piece?

178. Re: is there a "fix it" guy?

Yahoo group: atlas_radio
Date: 2005-05-20 16:46:42 UTC
From: tom
Topic: 168 Message: 178

I gave my 210X a "smoke test" last night and here is the thing...
It acts like the antenna is shorted somewhere inside the radio. If I screw the antenna connector all the way in (or make contact with the shell) I loose everything, no receive. If I just insert the center connector only I get stations from everywhere like gangbusters. (Louder than my new Kenwood). Oh, and the "S" meter doesen't move.
I took the top off to look around for anything obvious right in front of my nose like a short or broken wire etc...I got dizzy just looking at all the adjustable stuff in there.
I'm in the process of finding a box and styro to pack it. I'm real busy this week end but I may be able to get it in the mail soon.
Tom
KD6MES

179. Atlas pedigree

Yahoo group: atlas_radio
Date: 2005-05-25 00:43:53 UTC
From: Paul
Topic: 179 Message: 179

Is there anyone who can give me the Atlas pedigree? For instance, I know there's a 210 and a 210X. Was there a 180 and 180X? 215 and 215X, and so on. What is the difference between the 210 and 210X? Sorry about all the questions but I'm new to Atlas.
Thanks to all.

Paul
KS2S

180. Re: is there a "fix it" guy?

Yahoo group: atlas_radio
Date: 2005-06-07 12:53:06 UTC
From: tom
Topic: 168 Message: 180

> I'm in the process of finding a box and styro to pack it. I'm real busy
> this week end but I may be able to get it in the mail soon.
> Tom
> KD6MES

Delay after delay.....
The "Fit hit the Shan" as they say and I'm getting wrapped around the
axle here. One of these days I'll get this thing in the mail.
Tom
Kd6mes

181. Consoles

Yahoo group: atlas_radio
Date: 2005-06-26 14:08:41 UTC
From: Paul
Topic: 181 Message: 181

Can anyone tell me the difference between the AR-117 console and the 220-CS console? I know the th AR-230 console is 117 or 230 volts. Do the 3 consoles look alike?
Thanks
Paul
KS2S

182. Re: [atlas_radio] Consoles

Yahoo group: atlas_radio
Date: 2005-06-26 15:29:35 UTC
From: Jim Strohm
Topic: 181 Message: 182

On Jun 26, 2005, at 9:08 AM, Paul KS2S wrote:

> Can anyone tell me the difference between the AR-117 console and the
> 220-CS console? I know the th AR-230 console is 117 or 230 volts. Do
> the 3 consoles look alike?

I can tell you that the 220-CS (console) and the 200-PS (a portable power supply) were offered concurrently with the 210x/215x, because they're all pictured in my 210x/215x manual. The most significant mod for the 220-CS was the VOX unit, which added three knobs for VOX gain, delay, and anti-trip.

The 210/215 special editions had a console with a front panel that was colored to match the rig.

If anybody wants it, I can furnish a copy of the VOX manual, which includes a good enough drawing of the PCB to allow its re-creation. Be advised, it uses a nearly unobtainable transistor array IC -- CA 3086 -- in the anti-trip portion that could probably be duplicated with hand-selected discretes, or with a differential op-amp. Since this manual dates from the 70s, engineers still included the IC's internal circuitry in the main schematic.

"I don't think we're in Kansas anymore."

Jim N6OTQ

183. MT-1 Transformer

Yahoo group: atlas_radio
Date: 2005-07-03 20:24:48 UTC
From: Paul
Topic: 183 Message: 183

Does anyone have a schematic for the MT-1 Broadband Transformer?
Thanks,
Paul
KS2S

184. Something to encourage convo on this group ...

Yahoo group: atlas_radio
Date: 2005-07-10 20:41:21 UTC
From: Jim Strohm
Topic: 184 Message: 184

Hi all

There's not a whole lot of us here and most of us don't have a whole lot to say ... I have a feeling that on Sunday afternoons, some of us have a little spare time and might have something on their chest, hopefully something good to talk about.

So on Sunday, it's OK to post off-topic stuff -- questions, brags, complaints, etc. Please hold it down to what you'd talk about on 160 meters.

Some topics that are fair game:

* your European sports car in the barn that runs maybe one day a month
* "Chinese cuisine" -- the American stuff we call Chinese, and how to fake it when you don't live where there's a market that sells all those strange vegetables and spices
* All-American hobbies like high-power rocketry, black-powder firearms, and re-enactment ... all requiring a special dispensation from the government to let you show that you're a red-blooded American

Well, those are just a few. My hope is -- we'll get to know each other better, and maybe use our shared interests to promote other shared interests, namely Atlas radios.

If you miss Sunday by a day or two, I'll let you slide (I'm a nice moderator) and if anybody gets a little too far over the line I'll make a calm adjustment. But I don't think that'll ever happen.

So once a week, feel free to kick up your heels!

jim N6OTQ

185. Re: [atlas_radio] Something to encourage convo on this group ...

Yahoo group: atlas_radio
Date: 2005-07-10 21:10:28 UTC
From: Roy J. Tellason
Topic: 184 Message: 185

On Sunday 10 July 2005 04:41 pm, Jim Strohm wrote:
> Hi all
>
> There's not a whole lot of us here and most of us don't have a whole
> lot to say ...

Not true.

> I have a feeling that on Sunday afternoons, some of us have a little spare
> time and might have something on their chest, hopefully something good to
> talk about.

Spare time? What's that?

> So on Sunday, it's OK to post off-topic stuff -- questions, brags,
> complaints, etc. Please hold it down to what you'd talk about on 160
> meters.

Heh.

> Some topics that are fair game:
>
> * your European sports car in the barn that runs maybe one day a month
> * "Chinese cuisine" -- the American stuff we call Chinese, and how
> to fake it when you don't live where there's a market that sells all
> those strange vegetables and spices
> * All-American hobbies like high-power rocketry, black-powder
> firearms, and re-enactment ... all requiring a special dispensation
> from the government to let you show that you're a red-blooded American
>
> Well, those are just a few. My hope is -- we'll get to know each
> other better, and maybe use our shared interests to promote other
> shared interests, namely Atlas radios.

I don't think so.

> If you miss Sunday by a day or two, I'll let you slide (I'm a nice
> moderator) and if anybody gets a little too far over the line I'll
> make a calm adjustment. But I don't think that'll ever happen.
>
> So once a week, feel free to kick up your heels!
>
> jim N6OTQ

Let me tell you how it is. If I wanted general chat lists, I'd be subscribed
to them. I have a bunch of interests, and I spend as much of my time
pursuing them as I can manage. On Yahoo this includes roughly 120 different

mailing lists, and then there are several others besides, from other places. In addition to that I am active on some online forums, and continually researching web sites, pulling in data sheets, and similar stuff. So I don't have the time to deal with a lot of off-topic chatter.

In addition to that, I would prefer to not waste the time downloading stuff that I'm not interested in on a dialup connection.

So go that way if you want, but if you do I'll be out of here shortly thereafter.

186. Re: [atlas_radio] Something to encourage convo on this group ...

Yahoo group: atlas_radio
Date: 2005-07-10 21:24:58 UTC
From: Jim Strohm
Topic: 184 Message: 186

On Jul 10, 2005, at 4:10 PM, Roy J. Tellason wrote:

> In addition to that, I would prefer to not waste the time
> downloading stuff
> that I'm not interested in on a dialup connection.

That's cool. I'm on dial-up too.

I'm only on 40+ yahoo groups and I only moderate five, with about
1500 members total.

I respect your desire to not be subjected to "chat" kinds of content
on this group

jim N6OTQ

187. Re: [atlas_radio] Something to encourage convo on this group ...

Yahoo group: atlas_radio
Date: 2005-07-10 21:36:08 UTC
From: Dan W. Dooley
Topic: 184 Message: 187

Well nothing on the Atlas 210X going on here. Wonder if I'll ever really get back to that project. It's been a long time since I've even mentioned what the status of my Atlas is.

After a few years of operating flawlessly it developed a frequency drift on 40 m. All other bands were still solid. Nothing of any significance drift wise. I tried a lot of different approaches to fix the problem but the bottom line is, I suspect the problem is due to a crack in the glass trimmer cap. No, I've never been able to find a suitable replacement.

My idea has been to try to get the radio working again and sell it. What!!!??? Sell the Atlas? Well, truthfully though it's a fun radio, I just don't need it any more. I've since gone to a IC706 for mobile work - what little I get to do even that. I've got other radios here in the shack (Drake B Twins, Yaesu FT-902DM, and a Kenwood TS-2000) so I'm covered in that area. All of the mentioned radios function very well. The problem is, I don't get to spend much time actually using them. Right now the Kenwood is picking up signals from around the country on 50.125. Yep, 6 m. is open. No, I've not had the chance to do more than listen today.

So why so busy? Well for one thing, trying to get one of my computers back in operation. I won't go too much into the details but the short of it is I need to add a new primary hard drive.

If not doing that, I need to spend some time creating some pictures for some items I'm getting ready to put on eBay. And, I'll need to clear up things here in the shack soon and go out to the family room to keep my wife company for the rest of the evening. I am afterall going to be out of town the entire week on business (yeah, that's a pretty frequent thing here).

The other hobbies? Nothing really like on the list below. Who has the time? hi hi

But, I do have more hobbies than spare time to enjoy them. Yep, even non-ham radio related ones. One of the newest. Microsoft Flight Simulator. Cheaper and much safer to fly virtual airplanes than real ones. A couple of friends and I are on a round the world trip right now. That is when we can fit flying time into the schedule. Sigh.....

For anyone so interested (it's ok if you're not) we recently returned from a vacation trip to Colorado. Whitewater rafting and other fun stuff. Here's a link to the on line gallery.
http://www.dooleystreasurechest.com/vacations/colorado05/colorado05.htm

Dan W. Dooley WB5TKA
Dooley's Treasure Chest
email: dandooley@...

http://www.dooleystreasurechest.com

----- Original Message -----
From: "Jim Strohm" <jstrohm@...>
To: <atlas_radio@yahoogroups.com>
Sent: Sunday, July 10, 2005 3:41 PM
Subject: [atlas_radio] Something to encourage convo on this group ...

> Hi all
>
> There's not a whole lot of us here and most of us don't have a whole
> lot to say ... I have a feeling that on Sunday afternoons, some of us
> have a little spare time and might have something on their chest,
> hopefully something good to talk about.
>
> So on Sunday, it's OK to post off-topic stuff -- questions, brags,
> complaints, etc. Please hold it down to what you'd talk about on 160
> meters.
>
> Some topics that are fair game:
>
> * your European sports car in the barn that runs maybe one day a month
> * "Chinese cuisine" -- the American stuff we call Chinese, and how
> to fake it when you don't live where there's a market that sells all
> those strange vegetables and spices
> * All-American hobbies like high-power rocketry, black-powder
> firearms, and re-enactment ... all requiring a special dispensation
> from the government to let you show that you're a red-blooded American
>
> Well, those are just a few. My hope is -- we'll get to know each
> other better, and maybe use our shared interests to promote other
> shared interests, namely Atlas radios.
>
> If you miss Sunday by a day or two, I'll let you slide (I'm a nice
> moderator) and if anybody gets a little too far over the line I'll
> make a calm adjustment. But I don't think that'll ever happen.
>
> So once a week, feel free to kick up your heels!
>
> jim N6OTQ
>
>

188. Re: [atlas_radio] Something to encourage convo on this group

Yahoo group: atlas_radio
Date: 2005-07-11 11:37:15 UTC
From: Joe
Topic: 188 Message: 188

Hello Jim,

I understand your efforts to stir up some conversation, but I subscribe to the Atlas list just to hear Atlas information. I too either own/moderate many lists on YahooGroups and find that my subscribers tend to want to stay "on topic" on each of the lists I have. The fastest way that I have found to loose subscribers is to allow an off topic rant to go on and on.

Please keep up the good work on this list, but I vote to keep it on topic, Atlas only messages.

73, Joe, K1ike
> Message: 1
> Date: Sun, 10 Jul 2005 15:41:21 -0500
> From: Jim Strohm <jstrohm@...>
> Subject: Something to encourage convo on this group ...
>
> Hi all
>
> There's not a whole lot of us here and most of us don't have a whole
> lot to say ...

189. Hi

Yahoo group: atlas_radio
Date: 2005-08-05 12:26:09 UTC
From: jerry
Topic: 189 Message: 189

Hello to the group. I just pulled my old 350XL out and it doesn't work very well. I'm only hearing the real strong signals. I don't see the S meter move and this is true in Tx also when in Amps. The Tx output power control has a effect when looking at another Rx S meter but no power out on outboard power meter. Also I didn't hear the Tx relay, can it be heard? Any Ideas. Jerry

190. Re: [atlas_radio] Hi

Yahoo group: atlas_radio
Date: 2005-08-05 12:45:40 UTC
From: Uwe Sievers
Topic: 189 Message: 190

jerry wrote:

> Hello to the group. I just pulled my old 350XL out and it doesn't work
> very well. I'm only hearing the real strong signals. I don't see the S
> meter move and this is true in Tx also when in Amps. The Tx output
> power control has a effect when looking at another Rx S meter but no
> power out on outboard power meter. Also I didn't hear the Tx relay, can
> it be heard? Any Ideas. Jerry
>
>
>
> SPONSORED LINKS
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&c=3&s=60&.sig=Q3ZWABypJDd5YmYXbzsVzQ>
> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&c=3&s=60&.sig=ZnXBknyULDAnZKOQwnbT0g>
> Hobby and craft supply
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&c=3&s=60&.sig=fLVuec3_R3javCvFd0735w>
>
>
>
> YAHOO! GROUPS LINKS
>
> * Visit your group "atlas_radio
> <http://groups.yahoo.com/group/atlas_radio>" on the web.
>
> * To unsubscribe from this group, send an email to:
> atlas_radio-unsubscribe@yahoogroups.com
> <mailto:atlas_radio-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
>
Hi Jerry,
the relay is very calm... you cannot hear it.. it,s a high speed
relay... with the 350 you are fully bk-capable... about your problem...
may be it,s an realignment procedure necessary to get more sensivity and
in parallel output.... you should take a look into the manual to find
out how to do it.
use the calibrator which is installe, CAL switch into the upper

position... then find a marker and then adjust the cores in the cooils
to maximum as specified in the manual...
73 Uwe DJ9XG

191. 210

Yahoo group: atlas_radio
Date: 2005-08-07 01:10:30 UTC
From: jerry
Topic: 191 Message: 191

Does anyone have a 210 dial drum? The 210 I just picked up has a 215 drum. Jerry

192. Mobile Antenna

Yahoo group: atlas_radio
Date: 2005-08-14 00:56:09 UTC
From: srdente
Topic: 192 Message: 192

I just picked up an Atlas 210X for my truck and was wondering what antenna would be best matched to it. I use 20 and 40 meters the most.
Dennis K8DRA

193. Re: [atlas_radio] Mobile Antenna

Yahoo group: atlas_radio
Date: 2005-08-14 00:08:52 UTC
From: Dan W. Dooley
Topic: 192 Message: 193

Dennis,

You will undoubtedly receive a lot of replies with a lot of opinions. All valid. When I was using my 210X I did so in my pickup. I used a Hustler mounted up on top. I had an aluminum camper shell on that particular truck which was flush level with the top of the cab. I put a bracket on the front in the center of that shell and attached the Hustler mast with a quick disconnect. That allowed for easy removal for parking garages or other times as needed. Having the antenna up high as it was paid off in increased performance. It had a ready ground plane with the metal of the truck and shell and the antenna mounted pretty much in the center. I did get very good reports with on.

Matching wise, I had no problem. I don't recall what the SWR was but I know it was well under 2:1. I later tried some of the common single band fiberglass helically wound antennas which are popular but those all seemed to require a matching network at the base. I had resonators for 40, 15 and 10 and they all worked well.

Any of the modern antennas will work well for you. To me, the idea is to get the antenna up as high as you can on the vehicle. I've never been satisfied with bumper mount performance.

Dan W. Dooley WB5TKA
Dooley's Treasure Chest
email: dandooley@...
Web: http://www.dooleystreasurechest.com

----- Original Message -----
From: "srdente" <srdente@...>
To: <atlas_radio@yahoogroups.com>
Sent: Saturday, August 13, 2005 8:56 PM
Subject: [atlas_radio] Mobile Antenna

>I just picked up an Atlas 210X for my truck and was wondering what
> antenna would be best matched to it. I use 20 and 40 meters the most.
> Dennis K8DRA
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> Yahoo! Groups Links
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194. Re: Mobile Antenna

Yahoo group: atlas_radio
Date: 2005-08-14 01:20:37 UTC
From: srdente
Topic: 192 Message: 194

I have a fiberglass shell on the back of my truck and I like the idea of a quick disconnect. Do you remember what model Hustler you were using? This is my first rig without tubes and I know solid state isn't as forgiving on mismatching the antenna. Any tips on installation of the unit in general will be appreciated also. TRhanks for the info, Dennis K8DRA

195. Re: [atlas_radio] Re: Mobile Antenna

Yahoo group: atlas_radio
Date: 2005-08-14 00:52:00 UTC
From: Dan W. Dooley
Topic: 192 Message: 195

I no longer have that exact mast, but I have the same resonators. I don't recall the particular model, but it's a two part system. One mast and any number of resonators of your choice. My initial mast was a fold over but my current one is not. The masts are about 5 ft long I believe and the resonators are threaded on. The base of the mast is the common thread for bases of your choice. These antennas are available from all the common antenna sources.

I made the bracket in an upside down L shape and the base was one of the common ball type. Any type that is heavy enough to support the torque against the antenna at highway speeds. I used the full power 40m resonator and it presents a fair wind load at 70 mph. It held up real well though. Just make sure the L bracket is strong enough. This applies regardless of the antenna system you choose. Likewise, make sure the mounting point is strong. I don't recall all of the details (this was back in the early 80s) but I believe there were square channels inside the area of my camper shell above the window through which I ran bolts to affix the bracket. Of course I could have mounted the bracket directly to the truck cab just above the rear window. That's what I'd have to do on my current truck since I no longer have a camper shell. Even though your shell is fiberglass, you should still have the groundplane effect to a degree thanks to the metal bed below it.

The beauty of using a quick disconnect is the ability to quickly remove the antenna. On rare occasions I removed it prior to passing through a lower than normal underpass. With the 40m resonator on, from tip to ground was almost 14 ft. Also, it allowed me to pull the antenna off to change resonators. Of course if you go with one of the adjustable antenna systems, that last benefit is a mute point. As the antenna is up high, I had to stand in the open doorway to reach it. That will help discourage theft if your doors are kept locked. Assuming the thief doesn't simply climb up over the hood to reach it, hi hi

If you go with the single band antennas, you'll need a quick disconnect mounted on the end of each one.

Dan W. Dooley WB5TKA
Dooley's Treasure Chest
email: dandooley@...
Web: http://www.dooleystreasurechest.com

----- Original Message -----
From: "srdente" <srdente@...>
To: <atlas_radio@yahoogroups.com>
Sent: Saturday, August 13, 2005 9:20 PM
Subject: [atlas_radio] Re: Mobile Antenna

>I have a fiberglass shell on the back of my truck and I like the idea
> of a quick disconnect. Do you remember what model Hustler you were
> using? This is my first rig without tubes and I know solid state isn't
> as forgiving on mismatching the antenna. Any tips on installation of
> the unit in general will be appreciated also. TRhanks for the info,
> Dennis K8DRA
>

196. Atlas 210

Yahoo group: atlas_radio
Date: 2005-09-03 12:54:24 UTC
From: srdente
Topic: 196 Message: 196

Well I am extremely pleased with my 210. I have not got a mount and antenna for my truck yet but I went to the hill up behind my nephew's house here in Ohio and took my 20 meter dipole and strung it between two trees about 6 ft off the ground and I was amazed at the sound. You would think I had an expensive filter system on the receive it sounded so good. It worked great. Dennis K8DRA

197. Re: [atlas_radio] Atlas 210

Yahoo group: atlas_radio
Date: 2005-09-04 00:09:29 UTC
From: Jerry Harley
Topic: 196 Message: 197

Do you need the mount? $25 Jerry

srdente wrote:

> Well I am extremely pleased with my 210. I have not got a mount and
> antenna for my truck yet but I went to the hill up behind my nephew's
> house here in Ohio and took my 20 meter dipole and strung it between
> two trees about 6 ft off the ground and I was amazed at the sound. You
> would think I had an expensive filter system on the receive it sounded
> so good. It worked great. Dennis K8DRA
>
>
>
> --
> YAHOO! GROUPS LINKS
>
> * Visit your group "atlas_radio
> <http://groups.yahoo.com/group/atlas_radio>" on the web.
>
> * To unsubscribe from this group, send an email to:
> atlas_radio-unsubscribe@yahoogroups.com
> <mailto:atlas_radio-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> --
>

[Non-text portions of this message have been removed]

198. Re: Atlas 210

Yahoo group: atlas_radio
Date: 2005-09-04 01:16:43 UTC
From: srdente
Topic: 196 Message: 198

Thanks Jerry, I have already ordered an antenna for it. I'm just waiting on delivery. A hustler with a magnet mount. I live in a questionable neighbor hood and need something I can put inside at night.

--- In atlas_radio@yahoogroups.com, Jerry Harley <wa2tti@p...> wrote:
> Do you need the mount? $25 Jerry
>
> srdente wrote:
>
> > Well I am extremely pleased with my 210. I have not got a mount and
> > antenna for my truck yet but I went to the hill up behind my nephew's
> > house here in Ohio and took my 20 meter dipole and strung it between
> > two trees about 6 ft off the ground and I was amazed at the sound. You
> > would think I had an expensive filter system on the receive it sounded
> > so good. It worked great. Dennis K8DRA
> >
> >
> >
> > --
> > YAHOO! GROUPS LINKS
> >
> > * Visit your group "atlas_radio
> > <http://groups.yahoo.com/group/atlas_radio>" on the web.
> >
> > * To unsubscribe from this group, send an email to:
> > atlas_radio-unsubscribe@yahoogroups.com
> > <mailto:atlas_radio-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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> > * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> > Service <http://docs.yahoo.com/info/terms/>.
> >
> >
> > --
> >
>

>
> [Non-text portions of this message have been removed]

199. RE: [atlas_radio] Digest Number 101

Yahoo group: atlas_radio
Date: 2005-09-04 14:21:58 UTC
From: peter oesterle
Topic: 199 Message: 199

I am still impressed with the audio from the 210x > I have owned many radios and still enjoy the fidelity of the atlas. It s even better when the volume HI lead is run into an external hi fi audio amplifier. Who needs AM when SSb can sound so good form the atlas!!!

>From: atlas_radio@yahoogroups.com
>Reply-To: atlas_radio@yahoogroups.com
>To: atlas_radio@yahoogroups.com
>Subject: [atlas_radio] Digest Number 101
>Date: 3 Sep 2005 16:27:55 -0000
>
>
>There is 1 message in this issue.
>
>Topics in this digest:
>
> 1. Atlas 210
> From: "srdente" <srdente@...>
>
>
>_____
>_____
>
>Message: 1
> Date: Sat, 03 Sep 2005 12:54:24 -0000
> From: "srdente" <srdente@...>
>Subject: Atlas 210
>
>Well I am extremely pleased with my 210. I have not got a mount and
>antenna for my truck yet but I went to the hill up behind my nephew's
>house here in Ohio and took my 20 meter dipole and strung it between
>two trees about 6 ft off the ground and I was amazed at the sound. You
>would think I had an expensive filter system on the receive it sounded
>so good. It worked great. Dennis K8DRA
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>Yahoo! Groups Links

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200. Re: [atlas_radio] Re: Atlas 210

Yahoo group: atlas_radio
Date: 2005-09-04 22:18:54 UTC
From: Jerry Harley
Topic: 196 Message: 200

I mean the mobile mount for the radio, it pulls out

srdente wrote:

> Thanks Jerry, I have already ordered an antenna for it. I'm just
> waiting on delivery. A hustler with a magnet mount. I live in a
> questionable neighbor hood and need something I can put inside at
> night.
>
> --- In atlas_radio@yahoogroups.com, Jerry Harley <wa2tti@p...> wrote:
> > Do you need the mount? $25 Jerry
> >
> > srdente wrote:
> >
> > > Well I am extremely pleased with my 210. I have not got a mount
> and
> > > antenna for my truck yet but I went to the hill up behind my
> nephew's
> > > house here in Ohio and took my 20 meter dipole and strung it
> between
> > > two trees about 6 ft off the ground and I was amazed at the
> sound. You
> > > would think I had an expensive filter system on the receive it
> sounded
> > > so good. It worked great. Dennis K8DRA
> > >
> > >
> > >
> > > --
> -------
> > > YAHOO! GROUPS LINKS
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> > > atlas_radio-unsubscribe@yahoogroups.com
> > > <mailto:atlas_radio-unsubscribe@yahoogroups.com?
> subject=Unsubscribe>
> > >
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> > >
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> > > --
> -------
> > >
> >
> >
> > [Non-text portions of this message have been removed]
>
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> --
> YAHOO! GROUPS LINKS
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> * Visit your group "atlas_radio
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[Non-text portions of this message have been removed]

201. Re: Atlas 210

Yahoo group: atlas_radio
Date: 2005-09-06 23:16:53 UTC
From: srdente
Topic: 196 Message: 201

Sorry Jerry, I guess I didn't say it right. I have the dash mounting bracket. I meant the mount for the antenna. When you say it pulls out do you mean you have a bracket that the radio pulls out of so you can take it in at night? Dennis

202. Re: [atlas_radio] Re: Atlas 210

Yahoo group: atlas_radio
Date: 2005-09-06 23:48:14 UTC
From: Jerry Harley
Topic: 196 Message: 202

Yes I have an extra mobile mount for the radio. I also have the base
power supply and the based unit with the build in power supply. Thes
are great little radios. Jerry

srdente wrote:

> Sorry Jerry, I guess I didn't say it right. I have the dash mounting
> bracket. I meant the mount for the antenna. When you say it pulls out
> do you mean you have a bracket that the radio pulls out of so you can
> take it in at night? Dennis
>
>
>
> --
> YAHOO! GROUPS LINKS
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[Non-text portions of this message have been removed]

204. Re: [atlas_radio] We Need You

Yahoo group: atlas_radio
Date: 2005-09-26 23:52:57 UTC
From: Jim Strohm
Topic: 204 Message: 204

The moderator says "We DON'T need you."

"Robert Nicholas" <inu6080@...> just got his co-ax pinned, and
won't be QRV around here with THAT call sign again.

I won't go out of my way to change group posting policies, but if any
of you are members of very many HF-affiliated yahoo groups, you've
probably seen SPAM from White Squirrel and you know exactly why I did
what I just did.

Your moderator

Jim N6OTQ

205. 210X frequency Display Adjustment Question

Yahoo group: atlas_radio
Date: 2005-09-29 21:47:30 UTC
From: Joe
Topic: 205 Message: 205

Guys, I have a nice 210X that I bought cheap enough. I know it receives but I haven't wired up a mic yet (appliance operator here) but that is another story. The frequency display is "whopperjawed" as my girlfriend likes to say, It appears that the round wheel that display is on is 45 degrees or more off. How do I adjust this? I figured I could hook my TR7 to a dummy load to use as a frequency standard to calibrate the display once I figure out how to move it.

Any suggestions?
Joe, N9JCQ

206. Re: [atlas_radio] 210X frequency Display Adjustment Question

Yahoo group: atlas_radio
Date: 2005-09-30 00:38:40 UTC
From: Jim Strohm
Topic: 205 Message: 206

On Sep 29, 2005, at 4:47 PM, Joe wrote:

> Guys, I have a nice 210X that I bought cheap enough. I know it
> receives but I haven't wired up a mic yet (appliance operator here)
> but
> that is another story. The frequency display is "whopperjawed" as my
> girlfriend likes to say, It appears that the round wheel that display
> is on is 45 degrees or more off. How do I adjust this? I figured I
> could hook my TR7 to a dummy load to use as a frequency standard to
> calibrate the display once I figure out how to move it.

There are two major issues w/ the Atlas 210/215 dial. First, they break at the hub. If you catch this before the hub shatters completely, it's not too hard to fix.

Second, the "rubber screwdriver" folks learned early on that if you take off the top, you can turn the dial so the holes line up with the oscillator coils, and some of the bands will move a remarkably large amount ... IF you know which band you're tuning.

Your first task is to inspect the dial. Open it up and see if it's broken at the hub. Next, turn the knob so that the tuning capacitor is completely closed. This should be at, or close to, the "0" point on the dial. If not, it means that the dial is off index, and needs to be repositioned on the shaft -- but you can't do this unless the hub is intact.

One of the worse design flaws on the Atlas was the polystyrene hub that was subject to plastic degradation from atmospherics.

But nowadays we have Crazy Glue and JB Weld, and these work wonders if you're not sloppy with them.

Check out the dial and tell us what you find -- the repair is pretty simple, and should be considered one of the very first things you do with a new-to-you Atlas. I'll probably have to scribble it down on here this weekend ... there are a few tricks and traps.

Jim N6OTQ

207. Re: [atlas_radio] 210X frequency Display Adjustment Question

Yahoo group: atlas_radio
Date: 2005-09-30 11:21:30 UTC
From: Jerry Harley
Topic: 205 Message: 207

The wheel is just placed on the tuner shaft and you can move it by
hand. Good luck I love mine. Jerry

Joe wrote:

> Guys, I have a nice 210X that I bought cheap enough. I know it
> receives but I haven't wired up a mic yet (appliance operator here) but
> that is another story. The frequency display is "whopperjawed" as my
> girlfriend likes to say, It appears that the round wheel that display
> is on is 45 degrees or more off. How do I adjust this? I figured I
> could hook my TR7 to a dummy load to use as a frequency standard to
> calibrate the display once I figure out how to move it.
>
> Any suggestions?
> Joe, N9JCQ
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> --
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> atlas_radio-unsubscribe@yahoogroups.com
> <mailto:atlas_radio-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
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[Non-text portions of this message have been removed]

208. Re: [atlas_radio] 210X frequency Display Adjustment Question

Yahoo group: atlas_radio
Date: 2005-09-30 12:22:00 UTC
From: Jim Strohm
Topic: 205 Message: 208

On Sep 30, 2005, at 6:21 AM, Jerry Harley wrote:

> The wheel is just placed on the tuner shaft and you can move it by
> hand. Good luck I love mine.

The dial has a setscrew, and it should be tight. _BEFORE_ you try to tighten it, let me add a few notes about repairing the dial first.

Otherwise you'll be one of those folks fitting a digital display in there.

Jim N6OTQ

209. Re: 210X frequency Display Adjustment Question

Yahoo group: atlas_radio
Date: 2005-09-30 23:50:44 UTC
From: chuck hawks
Topic: 205 Message: 209

Or use a DD-6 from Atlas. Good luck.

Still need to replace caps on the mic amp board to get mine working.

Chuck

--- In atlas_radio@yahoogroups.com, Jim Strohm <jstrohm@e...> wrote:
>
> On Sep 30, 2005, at 6:21 AM, Jerry Harley wrote:
>
> > The wheel is just placed on the tuner shaft and you can move it by
> > hand. Good luck I love mine.
>
> The dial has a setscrew, and it should be tight. _BEFORE_ you try
to
> tighten it, let me add a few notes about repairing the dial first.
>
> Otherwise you'll be one of those folks fitting a digital display in
> there.
>
> Jim N6OTQ

210. New member

Yahoo group: atlas_radio
Date: 2005-12-06 06:57:50 UTC
From: irctlcplan05
Topic: 210 Message: 210

Hi all,
I have just joined the group.
I have had my Atlas 210/10XB since 1990, and am trying to keep it in good conditions with possible updates and mods.
Unfortunately, it has a little defect. Turning the volume to max, there is a kind of larsen effect or an auto oscillation. I did check all contacts and IC sockets.
Is it normal?
Regards.
Michele IW2AAW

211. Re: [atlas_radio] New member

Yahoo group: atlas_radio
Date: 2005-12-06 14:03:14 UTC
From: dennis hatch
Topic: 210 Message: 211

Hello Michele,

On the audio board there is a large white electrolytic capacitor. Over time this capacitor decreases in value. Replace this with one of equal specifications and your "feed back" problem should go away. I had an Atlas 180 with a similar problem, and replacing this bypass cap solved the problem.
73
Dennis, WA0WAB

irctlcplan05 <irctlcplan05@...> wrote:
Hi all,
I have just joined the group.
I have had my Atlas 210/10XB since 1990, and am trying to keep it in
good conditions with possible updates and mods.
Unfortunately, it has a little defect. Turning the volume to max, there
is a kind of larsen effect or an auto oscillation. I did check all
contacts and IC sockets.
Is it normal?
Regards.
Michele IW2AAW

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Yahoo! DSL Something to write home about. Just $16.99/mo. or less

---

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[Non-text portions of this message have been removed]

212. Audio feedback

Yahoo group: atlas_radio
Date: 2005-12-07 15:32:06 UTC
From: irctlcplan05
Topic: 210 Message: 212

Thanks a lot,Dennis. I will try.
Best regards.
Michele IW2AAW

--- In atlas_radio@yahoogroups.com, dennis hatch <dennishhatch@y...>
wrote:
>
> Hello Michele,
>
> On the audio board there is a large white electrolytic
capacitor. Over time this capacitor decreases in value. Replace
this with one of equal specifications and your "feed back" problem
should go away. I had an Atlas 180 with a similar problem, and
replacing this bypass cap solved the problem.
> 73
> Dennis, WA0WAB
>
> irctlcplan05 <irctlcplan05@y...> wrote:
> Hi all,
> I have just joined the group.
> I have had my Atlas 210/10XB since 1990, and am trying to keep it
in
> good conditions with possible updates and mods.
> Unfortunately, it has a little defect. Turning the volume to max,
there
> is a kind of larsen effect or an auto oscillation. I did check all
> contacts and IC sockets.
> Is it normal?
> Regards.
> Michele IW2AAW
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> Yahoo! DSL Something to write home about. Just $16.99/mo. or less
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> [Non-text portions of this message have been removed]
>

213. Atlas 210 - RF power transistors replacement

Yahoo group: atlas_radio
Date: 2005-12-09 11:28:12 UTC
From: irctlcplan05
Topic: 213 Message: 213

When I bought my 210 I had to replace the RF power transistors with the only available "equivalent" MRF 454. Unfortunately, with no chance on the circuit I can get 40 W max (CW).
Has anybody experience of circuit mods to accept the MRF 454?.
Thanks in advance.
Michele IW2AAW

214. Docking power supply

Yahoo group: atlas_radio
Date: 2005-12-09 23:41:06 UTC
From: srdente
Topic: 214 Message: 214

Hi everyone, I'm looking for a docking power supply for my 210x. I would like to use it in the house this winter. Dennis K8DRA

215. Re: [atlas_radio] Docking power supply

Yahoo group: atlas_radio
Date: 2005-12-09 23:56:25 UTC
From: Jim Strohm
Topic: 214 Message: 215

On Dec 9, 2005, at 5:41 PM, srdente wrote:

> Hi everyone, I'm looking for a docking power supply for my 210x. I
> would like to use it in the house this winter. Dennis K8DRA

Hi Dennis

If you come up completely dry on this request, I've got an extra
mobile bracket that's NOT in pristine enough condition to rescue it
from slight modification. In a pinch, you could bolt the mobile
mount to the top of a 12V P/S, and have a workable compromise.

Jim N6OTQ

216. Re: Docking power supply

Yahoo group: atlas_radio
Date: 2005-12-13 13:54:26 UTC
From: srdente
Topic: 214 Message: 216

Thanks Jim, I'll keep it in mind. Dennis K8DRA

217. Atlas 210 distorted RX audio on LSB

Yahoo group: atlas_radio
Date: 2006-01-31 01:46:55 UTC
From: aa9yf
Topic: 217 Message: 217

I bought a used Atlas 210 and dock from the Collinsville hamfest this weekend. I fixed a couple I owned before so I figured it may have a problem. The RX audio on SSB is distorted but not bad but on LSB it is down right objectionable. Any ideas? Anyone have a service manual or schematic for the rig?

Thanks,

Darren

218. Re: [atlas_radio] Atlas 210 distorted RX audio on LSB

Yahoo group: atlas_radio
Date: 2006-01-31 05:18:39 UTC
From: Jerry Spears
Topic: 217 Message: 218

Hi Darren, sounds like the carrier oscillator is not set properly. A freq counter may be needed. Jerry

aa9yf <aa9yf@...> wrote:
I bought a used Atlas 210 and dock from the Collinsville hamfest this
weekend. I fixed a couple I owned before so I figured it may have a
problem. The RX audio on SSB is distorted but not bad but on LSB it
is down right objectionable. Any ideas? Anyone have a service manual
or schematic for the rig?

Thanks,

Darren

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atlas_radio-unsubscribe@yahoogroups.com

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[Non-text portions of this message have been removed]

219. Re: [atlas_radio] Atlas 210 distorted RX audio on LSB

Yahoo group: atlas_radio
Date: 2006-01-31 12:10:37 UTC
From: dennis hatch
Topic: 217 Message: 219

Make sure the carrier insertion crystal oscillators are on frequency...do an internet search on ATLAS RADIO.....all info is down loadable. 73, WA0WAB

aa9yf <aa9yf@...> wrote:
I bought a used Atlas 210 and dock from the Collinsville hamfest this
weekend. I fixed a couple I owned before so I figured it may have a
problem. The RX audio on SSB is distorted but not bad but on LSB it
is down right objectionable. Any ideas? Anyone have a service manual
or schematic for the rig?

Thanks,

Darren

Yahoo! Groups Links

Bring words and photos together (easily) with
PhotoMail - it's free and works with Yahoo! Mail.

[Non-text portions of this message have been removed]

220. Re: Atlas 210 distorted RX audio on LSB

Yahoo group: atlas_radio
Date: 2006-02-01 19:20:56 UTC
From: aa9yf
Topic: 217 Message: 220

Thanks...I have the needed test gear but I do not know where the test points are to check the frequency. Can you point me in the right direction?

Thanks,

Darren

--- In atlas_radio@yahoogroups.com, Jerry Spears <jerryind@s...> wrote:
>
> Hi Darren, sounds like the carrier oscillator is not set properly. A freq counter may be needed. Jerry
>
> aa9yf <aa9yf@y...> wrote:
> I bought a used Atlas 210 and dock from the Collinsville hamfest this
> weekend. I fixed a couple I owned before so I figured it may have a
> problem. The RX audio on SSB is distorted but not bad but on LSB it
> is down right objectionable. Any ideas? Anyone have a service manual
> or schematic for the rig?
>
> Thanks,
>
> Darren
>
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> ---------------------------------
> YAHOO! GROUPS LINKS
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> [Non-text portions of this message have been removed]
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221. Re: [atlas_radio] Re: Atlas 210 distorted RX audio on LSB

Yahoo group: atlas_radio
Date: 2006-02-02 05:37:17 UTC
From: Jerry Spears
Topic: 217 Message: 221

There is a Atlas website that has schematics,Jerry

aa9yf <aa9yf@...> wrote: Thanks...I have the needed test gear but I do not know where the test
points are to check the frequency. Can you point me in the right
direction?

Thanks,

Darren

--- In atlas_radio@yahoogroups.com, Jerry Spears <jerryind@s...> wrote:
>
> Hi Darren, sounds like the carrier oscillator is not set properly. A
freq counter may be needed. Jerry
>
> aa9yf <aa9yf@y...> wrote:
> I bought a used Atlas 210 and dock from the Collinsville hamfest this
> weekend. I fixed a couple I owned before so I figured it may have a
> problem. The RX audio on SSB is distorted but not bad but on LSB it
> is down right objectionable. Any ideas? Anyone have a service manual
> or schematic for the rig?
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> Thanks,
>
> Darren
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> ---------------------------------
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YAHOO! GROUPS LINKS

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[Non-text portions of this message have been removed]

222. Re: Atlas 210 distorted RX audio on LSB

Yahoo group: atlas_radio
Date: 2006-02-02 15:37:56 UTC
From: aa9yf
Topic: 217 Message: 222

I spent about 30-minutes last night looking for the site(s) and found
nothing even for the 215 or 180 as they are similar. Any ideas?

Darren

--- In atlas_radio@yahoogroups.com, Jerry Spears <jerryind@...> wrote:
>
> There is a Atlas website that has schematics,Jerry
>
> aa9yf <aa9yf@...> wrote: Thanks...I have the needed test gear but I
do not know where the test
> points are to check the frequency. Can you point me in the right
> direction?
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> Thanks,
>
> Darren
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> --- In atlas_radio@yahoogroups.com, Jerry Spears <jerryind@s...> wrote:
> >
> > Hi Darren, sounds like the carrier oscillator is not set properly. A
> freq counter may be needed. Jerry
> >
> > aa9yf <aa9yf@y...> wrote:
> > I bought a used Atlas 210 and dock from the Collinsville hamfest this
> > weekend. I fixed a couple I owned before so I figured it may have a
> > problem. The RX audio on SSB is distorted but not bad but on LSB it
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223. Re: [atlas_radio] Re: Atlas 210 distorted RX audio on LSB

Yahoo group: atlas_radio
Date: 2006-02-02 15:59:38 UTC
From: Jerry Harley
Topic: 217 Message: 223

aa9yf wrote:
>
> I spent about 30-minutes last night looking for the site(s) and found
> nothing even for the 215 or 180 as they are similar. Any ideas?
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> Darren
>
>
> --- In atlas_radio@yahoogroups.com, Jerry Spears <jerryind@...> wrote:
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> > >
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> > > YAHOO! GROUPS LINKS
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> SPONSORED LINKS
> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Craft+hobby&w2=Hobbies+and+crafts&w3
=Ham+radio+antenna&w4=Ham+radio&w5=Subject+to+change&w6=Ham+radio+sales&c=6&s=123&.sig=mJG
OTnyoctrcoieCFBj7Ow>
> Hobbies and crafts
> <http://groups.yahoo.com/gads?t=ms&k=Hobbies+and+crafts&w1=Craft+hobby&w2=Hobbies+and+cr
afts&w3=Ham+radio+antenna&w4=Ham+radio&w5=Subject+to+change&w6=Ham+radio+sales&c=6&s=123&.
sig=zLDbjx6AQ4TyMwTleE2fEQ>
> Ham radio antenna
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Craft+hobby&w2=Hobbies+and+cra
fts&w3=Ham+radio+antenna&w4=Ham+radio&w5=Subject+to+change&w6=Ham+radio+sales&c=6&s=123&.s
ig=2kzB9nb_7sDqTJ5fbAW86A>
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> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Craft+hobby&w2=Hobbies+and+crafts&w3=H
am+radio+antenna&w4=Ham+radio&w5=Subject+to+change&w6=Ham+radio+sales&c=6&s=123&.sig=IXRjq
4IDBHiYR6QqhtIIfg>
> Subject to change
> <http://groups.yahoo.com/gads?t=ms&k=Subject+to+change&w1=Craft+hobby&w2=Hobbies+and+cra
fts&w3=Ham+radio+antenna&w4=Ham+radio&w5=Subject+to+change&w6=Ham+radio+sales&c=6&s=123&.s
ig=cJxkF82o0DKnIovoFxyiUQ>
> Ham radio sales
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Craft+hobby&w2=Hobbies+and+craft
s&w3=Ham+radio+antenna&w4=Ham+radio&w5=Subject+to+change&w6=Ham+radio+sales&c=6&s=123&.sig
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> YAHOO! GROUPS LINKS
>
> * Visit your group "atlas_radio
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>
> ---

> http://www.davepick.btinternet.co.uk/atlas/manuals.htm

224. Re: [atlas_radio] Re: Atlas 210 distorted RX audio on LSB

Yahoo group: atlas_radio
Date: 2006-02-02 16:00:16 UTC
From: Jerry Harley
Topic: 217 Message: 224

aa9yf wrote:
>
> I spent about 30-minutes last night looking for the site(s) and found
> nothing even for the 215 or 180 as they are similar. Any ideas?
>
> Darren
>
>
> --- In atlas_radio@yahoogroups.com, Jerry Spears <jerryind@...> wrote:
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> > There is a Atlas website that has schematics,Jerry
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> > --- In atlas_radio@yahoogroups.com, Jerry Spears <jerryind@s...> wrote:
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> > > Hi Darren, sounds like the carrier oscillator is not set properly. A
> > freq counter may be needed. Jerry
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> > > aa9yf <aa9yf@y...> wrote:
> > > I bought a used Atlas 210 and dock from the Collinsville hamfest this
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> > > YAHOO! GROUPS LINKS
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> SPONSORED LINKS
> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Craft+hobby&w2=Hobbies+and+crafts&w3
=Ham+radio+antenna&w4=Ham+radio&w5=Subject+to+change&w6=Ham+radio+sales&c=6&s=123&.sig=mJG
OTnyoctrcoieCFBj7Ow>
> Hobbies and crafts
> <http://groups.yahoo.com/gads?t=ms&k=Hobbies+and+crafts&w1=Craft+hobby&w2=Hobbies+and+cr
afts&w3=Ham+radio+antenna&w4=Ham+radio&w5=Subject+to+change&w6=Ham+radio+sales&c=6&s=123&.
sig=zLDbjx6AQ4TyMwTleE2fEQ>
> Ham radio antenna
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Craft+hobby&w2=Hobbies+and+cra
fts&w3=Ham+radio+antenna&w4=Ham+radio&w5=Subject+to+change&w6=Ham+radio+sales&c=6&s=123&.s
ig=2kzB9nb_7sDqTJ5fbAW86A>
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> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Craft+hobby&w2=Hobbies+and+crafts&w3=H
am+radio+antenna&w4=Ham+radio&w5=Subject+to+change&w6=Ham+radio+sales&c=6&s=123&.sig=IXRjq
4IDBHiYR6QqhtIIfg>
> Subject to change
> <http://groups.yahoo.com/gads?t=ms&k=Subject+to+change&w1=Craft+hobby&w2=Hobbies+and+cra
fts&w3=Ham+radio+antenna&w4=Ham+radio&w5=Subject+to+change&w6=Ham+radio+sales&c=6&s=123&.s
ig=cJxkF82o0DKnIovoFxyiUQ>
> Ham radio sales
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Craft+hobby&w2=Hobbies+and+craft
s&w3=Ham+radio+antenna&w4=Ham+radio&w5=Subject+to+change&w6=Ham+radio+sales&c=6&s=123&.sig
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> YAHOO! GROUPS LINKS
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> * Visit your group "atlas_radio
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> --

> http://www.davepick.btinternet.co.uk/atlas/

225. Re: [atlas_radio] Re: Atlas 210 distorted RX audio on LSB

Yahoo group: atlas_radio
Date: 2006-02-02 16:01:39 UTC
From: Jerry Harley
Topic: 217 Message: 225

aa9yf wrote:http://www.hamanuals.com/MMans/Atls210x.pdf

226. Re: "Everything you wanted to know about Atlas Radio, but were afraid to ask."

Yahoo group: atlas_radio
Date: 2006-02-04 18:10:43 UTC
From: dennis hatch
Topic: 217 Message: 226

Jerry; this site has everything about the Atlas Radio "200 Series". It was very helpful to me as it has ALL the schematic info. If you do not have a freq. counter...set the carrier oscillators by ear for best sounding audio on USB and LSB signals. The "pitch of the hiss" sould sound the same when going from NORMAL to REV. What sounds good on RX should be the same in TX..... Dennis, WA0WAB P.S. go to: www.davepick.btinernet.co.uk/atlas/mods.htm

Jerry Harley <wa2tti@...> wrote: aa9yf wrote:
>
> I spent about 30-minutes last night looking for the site(s) and found
> nothing even for the 215 or 180 as they are similar. Any ideas?
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> SPONSORED LINKS
> Craft hobby
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> Hobbies and crafts
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> Ham radio antenna
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> Ham radio
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> Subject to change
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> Ham radio sales
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> ---
> http://www.davepick.btinternet.co.uk/atlas/manuals.htm

Yahoo! Groups Links

Relax. Yahoo! Mail virus scanning helps detect nasty viruses!

[Non-text portions of this message have been removed]

227. Re: [atlas_radio] Re: "Everything you wanted to know about Atlas Radio, but were afraid to ask."

Yahoo group: atlas_radio
Date: 2006-02-04 18:23:26 UTC
From: Jim Strohm
Topic: 217 Message: 227

Dennis, check the URL. It's 404-ing.

-- Jim the group owner

On Feb 4, 2006, at 12:10 PM, dennis hatch wrote:

> Jerry; this site has everything about the Atlas Radio "200
> Series". It was very helpful to me as it has ALL the schematic
> info. If you do not have a freq. counter...set the carrier
> oscillators by ear for best sounding audio on USB and LSB signals.
> The "pitch of the hiss" sould sound the same when going from NORMAL
> to REV. What sounds good on RX should be the same in TX.....
> Dennis, WA0WAB P.S. go to: www.davepick.btinernet.co.uk/atlas/
> mods.htm

228. Re: [atlas_radio] Re: "Everything you wanted to know about Atlas Radio, but were afraid to ask."

Yahoo group: atlas_radio
Date: 2006-02-04 19:05:20 UTC
From: Jim Strohm
Topic: 217 Message: 228

On Feb 4, 2006, at 12:10 PM, dennis hatch wrote:

> this site has everything about the Atlas Radio "200 Series".

OK, I got it ... there was a missing "t" in the URL.

Everybody, try

<http://www.davepick.btinternet.co.uk/atlas/mods.htm>

-- Jim N6OTQ the group owner

229. Huff & Puff VFO for 210

Yahoo group: atlas_radio
Date: 2006-02-07 15:55:52 UTC
From: irctlcplan05
Topic: 229 Message: 229

May I ask if anybody has experience about the so called "Huff & Puff
VFO stabilizer" with an Atlas 210?
Thanks in advance.
Michele IW2AAW

230. Re: [atlas_radio] Huff & Puff VFO for 210

Yahoo group: atlas_radio
Date: 2006-02-08 03:33:10 UTC
From: Jim Strohm
Topic: 229 Message: 230

On Feb 7, 2006, at 9:55 AM, irctlcplan05 wrote:

> May I ask if anybody has experience about the so called "Huff & Puff
> VFO stabilizer" with an Atlas 210?

No reason you couldn't, except that the Atlas VFO has five separate output ranges, one per band, to hit the 5520 kHz IF. So you'd need to band-switch the huff&puff, and depending on the Atlas, it might be at a frequency high enough that some huff&puff circuits would have trouble keeping up. The 10 M VFO outputs 22.8 MHz - 23.8 MHz.

Now, if you were wanting to build a huff&puff around 9 MHz, it'd hit the 80M band (VFO = 9020 - 9520 kHz) on an Atlas, and the standard VFO on lots of radios that use a 9 MHz VFO on all bands. With enough bandspread, you'd also hit the Atlas 20M band (VFO = 8480 - 8980 kHz).

If you use the capability of the 10X external crystal oscillator, it would be simple (but non-trivial) to add a switchable external huff&puff VFO. I've never actually seen one but my owner's manual mentions a Model 206 VFO that uses the the external oscillator socket.

Does anybody have any Mod. 206 VFO information to share... like a scan of the manual? I'm sure your humble group owner (that would be me) would be happy to scan in a photocopy and will gladly pay reasonable copying/mailing costs for the more esoteric accessories.

Jim N6OTQ

231. Huff & Puff VFO for 210

Yahoo group: atlas_radio
Date: 2006-02-08 07:46:02 UTC
From: irctlcplan05
Topic: 229 Message: 231

--- In atlas_radio@yahoogroups.com, Jim Strohm <jstrohm@...> wrote:
>

> No reason you couldn't, except that the Atlas VFO has five separate
> output ranges, one per band, to hit the 5520 kHz IF. So you'd need
> to band-switch the huff&puff, and depending on the Atlas, it might
be
> at a frequency high enough that some huff&puff circuits would have
> trouble keeping up.

Thanks a lot Jim for your detailed answer.
As regards the need of band switch, I guess that the only operation is
to reset the circuit at any change of band. But I am not sure it is
enough.
Best regards.
Michele IW2AAW

232. Huff & Puff VFO for 210-Post scriptum

Yahoo group: atlas_radio
Date: 2006-02-08 12:02:48 UTC
From: irctlcplan05
Topic: 229 Message: 232

Jim
I found the Manual for model 206 VFO at:
http://www.davepick.btinternet.co.uk/atlas/atlasvfo.jpg
Best regards.
Michele IW2AAW

233. Re: [atlas_radio] Huff & Puff VFO for 210-Post scriptum

Yahoo group: atlas_radio
Date: 2006-02-08 14:25:45 UTC
From: Jim Strohm
Topic: 229 Message: 233

On Feb 8, 2006, at 6:02 AM, irctlcplan05 wrote:

> I found the Manual for model 206 VFO at:
> http://www.davepick.btinternet.co.uk/atlas/atlasvfo.jpg

And that file is being uploaded to the files section in "Accessories"
as I type this.

Jim N6OTQ

234. Selling my 350-XL of 20 years.

Yahoo group: atlas_radio
Date: 2006-02-15 05:01:14 UTC
From: nc9k
Topic: 234 Message: 234

I am purchasing digital mode equipment and must sell my 350-XL of 20 years to help pay for the new gear. The details are at:

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5864715128&rd=1&sspagename=STRK%3AMESE%3AIT&rd=1

Thanks,
Leland NC9K

235. Re: [atlas_radio] Selling my 350-XL of 20 years.

Yahoo group: atlas_radio
Date: 2006-02-19 16:22:47 UTC
From: Mr Glenn Keneipp
Topic: 234 Message: 235

Leland, This is KF9XP Glenn I also have the Atlas 350XL and have started having a problem with the power supply. I have read your review of the Atlas 350 4/8/2005 in Ham.net and would like to ask you a few specific questions concerning the review. Would it be possible for you to e-mail or best for me, to telephone you direct rather than getting the group involved. gdkgkk@...
To: atlas_radio@yahoogroups.com
Sent: Tuesday, February 14, 2006 11:01 PM
Subject: [atlas_radio] Selling my 350-XL of 20 years.

I am purchasing digital mode equipment and must sell my 350-XL of 20
years to help pay for the new gear. The details are at:

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=5864715128&rd=1&sspagename=STRK%3AMESE%3AIT&rd=1

Thanks,
Leland NC9K

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[Non-text portions of this message have been removed]

236. Manuals

Yahoo group: atlas_radio
Date: 2006-02-19 20:35:38 UTC
From: Jim Singleton
Topic: 236 Message: 236

Hello Atlas Radio Users, Just wanted to let all members know that I do have the manuals for the Atlas Radios, up to the 350XL and some accessories. The former company that reproduced the manuals was Grace Brock Publications, a retired Swan employee and also had permission from Atlas, Swan, Siltronics and Cubic to do the manuals. I have now had this company for over 2 years now. Grace wanted to retire again at 80 so we made the swap....If you need manuals, let me know. My present e-mail address is:
WA5BDR@... telephone number is 775 266 9586. I presently live in Wellington, Nevada

Thanks and 73's
Jim Singleton/WA5BDR

[Non-text portions of this message have been removed]

237. Anyone Have An Atlas 210 Junker?

Yahoo group: atlas_radio
Date: 2006-03-08 20:24:23 UTC
From: Joe
Topic: 237 Message: 237

The stem on the plastic wheel that holds the frequency display on my
210 has started to come apart at the area around the Allen Screw.
Does anyone have a used clear plastic wheel they want to part with?
Joe, N9JCQ

238. Re: [atlas_radio] Anyone Have An Atlas 210 Junker?

Yahoo group: atlas_radio
Date: 2006-03-08 20:44:32 UTC
From: Jim Strohm
Topic: 237 Message: 238

On Mar 8, 2006, at 2:24 PM, Joe wrote:

> The stem on the plastic wheel that holds the frequency display on my
> 210 has started to come apart at the area around the Allen Screw.
> Does anyone have a used clear plastic wheel they want to part with?

These can be repaired if you'll carefully re-glue the pieces with cyanoacrylate adhesive (Crazy Glue) and then, when the initial re-gluing is complete and the drum is again ship-shape, reinforcing with a liberal application of a thick-bodied epoxy with lots of filler, like JB Weld.

All Atlas drums are subject to this, and if you epoxy up your drum before it breaks, you'll be ahead of the game.

Trying to find a perfect drum for an Atlas will make you start collecting Collins gear instead.

Jim N6OTQ

239. Re: Anyone Have An Atlas 210 Junker?

Yahoo group: atlas_radio
Date: 2006-03-08 20:58:14 UTC
From: Joe
Topic: 237 Message: 239

Thanks Jim. I have nothing to loose by trying to fix it. I may have a junker coming on the market soon :-).

By the way, I already collect Drake gear. I haven't crossed over to Collins yet.

240. Re: [atlas_radio] Re: Anyone Have An Atlas 210 Junker?

Yahoo group: atlas_radio
Date: 2006-03-08 21:19:07 UTC
From: Jim Strohm
Topic: 237 Message: 240

On Mar 8, 2006, at 2:58 PM, Joe wrote:

> Thanks Jim. I have nothing to loose by trying to fix it. I may
> have a
> junker coming on the market soon :-).

OK, let us know on here before you send it off to ebay.

Hmm, maybe we need to have a week filled with nothing but the bunch of us swapfesting our stuff online. I know I've got plenty of goodies that -- if my plans work out -- I may not get to play with for a few years, and I sure could use a few extra bucks now for converting my plans into reality.

It's not BAD plans ... it's just that your moderator is running for Congress, and I need about a million more bucks than I currently have to win my office.

So while it's not the explicit purpose of the group to peddle stuff online, it might be fun to have a virtual swap fest for a limited time. Before Dayton, of course! If this sounds like fun and you're interested, drop the group a note and I'll put together some reasonable ground rules.

Jim N6OTQ

241. Re: [atlas_radio] Anyone Have An Atlas 210 Junker?

Yahoo group: atlas_radio
Date: 2006-03-09 13:23:13 UTC
From: Jerry Spears
Topic: 237 Message: 241

Jim I used a small hose clamp, worked well....Jerry

Jim Strohm <jstrohm@...> wrote:
On Mar 8, 2006, at 2:24 PM, Joe wrote:

> The stem on the plastic wheel that holds the frequency display on my
> 210 has started to come apart at the area around the Allen Screw.
> Does anyone have a used clear plastic wheel they want to part with?

These can be repaired if you'll carefully re-glue the pieces with
cyanoacrylate adhesive (Crazy Glue) and then, when the initial re-
gluing is complete and the drum is again ship-shape, reinforcing with
a liberal application of a thick-bodied epoxy with lots of filler,
like JB Weld.

All Atlas drums are subject to this, and if you epoxy up your drum
before it breaks, you'll be ahead of the game.

Trying to find a perfect drum for an Atlas will make you start
collecting Collins gear instead.

Jim N6OTQ

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---

YAHOO! GROUPS LINKS

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To unsubscribe from this group, send an email to:
atlas_radio-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

242. Re: [atlas_radio] Anyone Have An Atlas 210 Junker?

Yahoo group: atlas_radio
Date: 2006-03-09 13:23:15 UTC
From: Jerry Spears
Topic: 237 Message: 242

Jim I used a small hose clamp, worked well....Jerry

Jim Strohm <jstrohm@...> wrote:
On Mar 8, 2006, at 2:24 PM, Joe wrote:

> The stem on the plastic wheel that holds the frequency display on my
> 210 has started to come apart at the area around the Allen Screw.
> Does anyone have a used clear plastic wheel they want to part with?

These can be repaired if you'll carefully re-glue the pieces with
cyanoacrylate adhesive (Crazy Glue) and then, when the initial re-
gluing is complete and the drum is again ship-shape, reinforcing with
a liberal application of a thick-bodied epoxy with lots of filler,
like JB Weld.

All Atlas drums are subject to this, and if you epoxy up your drum
before it breaks, you'll be ahead of the game.

Trying to find a perfect drum for an Atlas will make you start
collecting Collins gear instead.

Jim N6OTQ

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---
YAHOO! GROUPS LINKS

Visit your group "atlas_radio" on the web.

To unsubscribe from this group, send an email to:
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Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

243. Atlas 206 VFO

Yahoo group: atlas_radio
Date: 2006-03-31 02:01:54 UTC
From: aa9yf
Topic: 243 Message: 243

I just purcased a complete Atlas 210X station with 206 digital VFO.
How rare is the diital VFO and does it have nay type of stability
improvments?

Thanks...Darren

244. Atlas 210: replacing the 28 MHz band with the 1,8 MHz one

Yahoo group: atlas_radio
Date: 2006-04-07 12:23:27 UTC
From: irctlcplan05
Topic: 244 Message: 244

I am trying to modify my Atlas 210 to operate on 1800, with the
modification of circuits used for 28 MHz. All components are specified
on the manual, except L918 tranformer on PC900C.
Does anybody know the type of core and the nr of windings?
Thanks in advance.
Michele IW2AAW

245. Atlas 210,no output, but pa amps pinned

Yahoo group: atlas_radio
Date: 2006-04-09 17:46:58 UTC
From: elmer131em
Topic: 245 Message: 245

Hi, I replaced the finals but now pa amps meter pinned when in cw mode, or when key mic. I posted also to 210x-215x group also even tho mine is not an x. Any help appreciated. Is there some bias adjustment, or, etc. ? Thanks, Bill, KI4EWI

246. [Fwd: Re: : Atlas210x--> More notes on notch filters]

Yahoo group: atlas_radio
Date: 2006-04-21 17:25:46 UTC
From: Uwe Sievers
Topic: 246 Message: 246

the resonance frequence is 4,38Mhz of the trap (0,6µh plus 2200pF parallel)
73 Uwe DJ9XG

[Non-text portions of this message have been removed]

247. Diference cards

Yahoo group: atlas_radio
Date: 2006-09-24 19:27:09 UTC
From: pauloserafini
Topic: 247 Message: 247

What deferences in the PC-100A, PC100B and PC-100C,
PC-200A....PC-200D
PC300 etc...

Paulo
PY3BKT

248. Crystal Filter

Yahoo group: atlas_radio
Date: 2006-09-28 13:45:53 UTC
From: Jerry Harley
Topic: 248 Message: 248

I just found a dark blue bandpass filter made by National Radio Company, 2.8kc bandwidth, 5.2020mc center freq.model no AS2004. I think I remember seeing these in; Swans, Astro's, Atlas. Does anyone have any ideas?? I was also looking for the Swan group email. Jerry

249. Re: Crystal Filter

Yahoo group: atlas_radio
Date: 2006-10-01 20:14:58 UTC
From: n6dra
Topic: 248 Message: 249

--- In atlas_radio@yahoogroups.com, Jerry Harley <wa2tti@...> wrote:
>
> I just found a dark blue bandpass filter made by National Radio
Company,
> 2.8kc bandwidth, 5.2020mc center freq.model no AS2004. I think I
> remember seeing these in; Swans, Astro's, Atlas. Does anyone have any
> ideas?? I was also looking for the Swan group email. Jerry
>

During the time I worked at Atlas, which was during the 210x/215x era,
the filters were always unpainted and marked with the "Network
Sciences" (as I recall) logo and frequency information. They all used
5520 KHz (early) and 5645 KHz (later)IF frequencies. I left as they
were gearing up for the 350 XL, but seem to recall that they also used
5645 KHz.

I remember seeing some blue filters in Swan rigs though.

'73

Tim

250. A note from the moderator

Yahoo group: atlas_radio
Date: 2006-10-27 00:39:46 UTC
From: Jim
Topic: 250 Message: 250

Folks,

For the last few weeks I've been getting "bounced" from yahoo. For some reason, emails indended for my usual email address have been bouncing. I have a feeling it's related to my Congressional campaign, since this is the very first time I've had this problem with yahoo (in
more than 7 years) and the very first time I've challenged the political status quo.

I'll try to keep up with messages via the web, but I can't promise anything until my world calms down after the election.

As you were.

Jim N6OTQ

251. New to the Group

Yahoo group: atlas_radio
Date: 2006-10-27 18:45:17 UTC
From: theirssteals
Topic: 251 Message: 251

Hi All,

I'm new to the group, and joined because at a hamfest two weeks ago bought a 350 XL and the matching power supply. The only problem I have found is a noisy pot on the notch filter. I hope I can clean it, and if not I may replace it. I say, "may," because I'll likely get a Timewave external DSP filter.

I am QRV from the car only for several years. This will be my first home station since 2001 and I wanted a cheap way to get back on the air with reasonble performance, a radio that at the worst I'll get my money back on. I just bought the XYL a great digital piano...so not about to buy a new radio at the moment.

Any suggestions, etc., are welcome. I've seen some mods on the P/S and finals, but especially with the finals in some scarce supply I see no need to modify it for more power out. Those are the only mods I've seen.

Finally, I am looking for the 305 VFO, or a junker 350 XL with the VFO. I'm also interested in copies of any ads from QST, 73, etc., and if anybody has a copy of a review (not eham.net, but a magazine) I'd love to get a copy and will of course pay postage and a reasonable copying fee.

Hope to hear you on the bands; interested in your Atlas stories. I was first licensed in 1977 so yes, I had a crush on this rig.

73,
Art, KC2G

252. Re: [atlas_radio] New to the Group

Yahoo group: atlas_radio
Date: 2006-10-27 20:21:02 UTC
From: dennis hatch
Topic: 251 Message: 252

Hello Art,
I've owned several Atlas 350's and need to recommend the RF PA mods be installed ASAP..... mainly the negative feed back.
Also beware of the failure of the tx driver transistor....if it "pops" .....you're S.O.L., as that transistor is no longer available. The tx driver stage has a "update" modification sold by RF Parts.. BUT.. then the driver stage is very prone to self oscillation, and will oscillate in receive mode putting 200 plus watts of rf into the selected band receiver preselector coil....resulting in a BBQ without weenies. (You will feel like one, however.)
That's my horror story! I am currently considering buying a 20 Watt HF PA kit from Communication Concepts and installing it in place of the driver stage.
The 350XL is a nice looking transceiver with receive performance better than many modern hf rigs. Just beware of the transmitter's problems.
The Power Supply mod is not going to give you 400 Watts output...That's what it would take to make a disernable difference....you are right! Why bother?

73
Dennis, WA0WAB

theirssteals <rtgsdad@...> wrote:
Hi All,

I'm new to the group, and joined because at a hamfest two weeks ago bought a 350 XL and the matching power supply. The only problem I have found is a noisy pot on the notch filter. I hope I can clean it, and if not I may replace it. I say, "may," because I'll likely get a Timewave external DSP filter.

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73,
Art, KC2G

Yahoo! Groups Links

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[Non-text portions of this message have been removed]

253. Re: [atlas_radio] New to the Group

Yahoo group: atlas_radio
Date: 2006-10-31 16:30:11 UTC
From: Art
Topic: 251 Message: 253

Dennis,

Thank you for the feedback (pun intended) and welcome. I will take your advice on the mods. The only mods I have seen are those listed on one review on eham.net. Are there other places I should be looking for useful mods for the radio?

FYI, Landair has several 350XLs in stock, with the 305 VFO option...but boy he wants a small mint for them. At some point I'd rather turn depreciating inventory into cash, myself!

73,
Art

(and still looking for all the items previously mentioned)

----- Original Message -----
From: dennis hatch
To: atlas_radio@yahoogroups.com
Sent: Friday, October 27, 2006 2:21 PM
Subject: Re: [atlas_radio] New to the Group

Hello Art,
I've owned several Atlas 350's and need to recommend the RF PA mods be installed ASAP..... mainly the negative feed back.
Also beware of the failure of the tx driver transistor....if it "pops" .....you're S.O.L., as that transistor is no longer available. The tx driver stage has a "update" modification sold by RF Parts.. BUT.. then the driver stage is very prone to self oscillation, and will oscillate in receive mode putting 200 plus watts of rf into the selected band receiver preselector coil....resulting in a BBQ without weenies. (You will feel like one, however.)
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it, and if not I may replace it. I say, "may," because I'll likely
get a Timewave external DSP filter.

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73,
Art, KC2G

Yahoo! Groups Links

All-new Yahoo! Mail - Fire up a more powerful email and get things done faster.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

254. Replacement finals For Atlas 350XL

Yahoo group: atlas_radio
Date: 2006-11-10 04:18:55 UTC
From: radiofellow50
Topic: 254 Message: 254

I have a 350XL benched at a friends and I may need a set of finals for the radio. What's the correct replacement unit or substitute. Seems to me there was a Motorola part that worked, but the rig had issues iwth it "taking off" and couldn't be tamed!
Bob

255. Looking forn Atlas 110 or 110 Special

Yahoo group: atlas_radio
Date: 2006-11-11 00:41:51 UTC
From: stevesebastianb
Topic: 255 Message: 255

Looking for Atlas 11o or 110 special, please contact me off line at stevesebastianb@...

73 Steve, VR2XMQ

256. Re: [atlas_radio] Looking forn Atlas 110 or 110 Special

Yahoo group: atlas_radio
Date: 2006-11-11 00:59:41 UTC
From: Jim Strohm
Topic: 255 Message: 256

On Nov 10, 2006, at 6:41 PM, stevesebastianb wrote:

> Looking for Atlas 11o or 110 special, please contact me off line at

As moderator, I enjoy the privilege of replying to the group ... ;)

Ebay, for all its shortcomings, is one of the best places to find things like old Atlas rigs, because there are so darn many people on there. A good bet is to email people selling other Atlas models on ebay, and inquire about what you want. Occasionally you will hit another collector or somebody who's fallen into a trasure trove and needs help getting out from under it.

Jim N6OTQ

257. Re: Looking forn Atlas 110 or 110 Special

Yahoo group: atlas_radio
Date: 2006-11-14 08:46:32 UTC
From: theirssteals
Topic: 255 Message: 257

Steve,

There is a 110 up on eBay right now!

Art

--- In atlas_radio@yahoogroups.com, "stevesebastianb"
<stevesebastianb@...> wrote:
>
> Looking for Atlas 11o or 110 special, please contact me off line at
> stevesebastianb@...
>
> 73 Steve, VR2XMQ
>

258. For Sale

Yahoo group: atlas_radio
Date: 2006-11-16 17:34:06 UTC
From: Art
Topic: 258 Message: 258

Original owner's manual and schematic for Atlax 350 XL (with Mark II info). $30.00 mailed in the continental U.S.

73,
Art, KC2G at a r r l dot n e t

Tired of the Federal Income Tax?
Tired of Medicare Tax?
Tired of Fancy Tax Shelters for the Few
Think it's nuts to have a tax code with chapters
devoted to individual corporations?
Then The Fair Tax is for you!
Please go to www.fairtax.org
or ask me for more information.

The Fair Tax: It's Time

[Non-text portions of this message have been removed]

259. Anyone Have a parts radio 210/215?

Yahoo group: atlas_radio
Date: 2006-11-20 20:46:36 UTC
From: Joe
Topic: 259 Message: 259

Need the acrylic disc where the frequency data attached. My disc crumbled. has anyone tried the digital display replacement on a 210/215?
Joe, N9JCQ

260. new email address for the moderator

Yahoo group: atlas_radio
Date: 2006-12-05 00:57:59 UTC
From: Jim
Topic: 260 Message: 260

... now is

n6otq@...

Not that a lot of you have been sending me email ;)

Jim

261. 350XL

Yahoo group: atlas_radio
Date: 2006-12-05 13:30:28 UTC
From: Glenn Keneipp
Topic: 261 Message: 261

350xl power supply repair. Looking for IC CA3085A
Unable to locate it or a substitute. Have contacted rfparts. They have RCA CA3085BS but after 6 days they have not responded back to let me know if it has equal specifications. Have located at a few places but they require a very high $ purchase order. Thank you KF9XP Glenn in Southern Illinois.

[Non-text portions of this message have been removed]

262. RE: [atlas_radio] 350XL

Yahoo group: atlas_radio
Date: 2006-12-06 21:56:44 UTC
From: mark helinski
Topic: 261 Message: 262

have on ps 350 xlt power supply 100.00 plus shipping mark helinski
mark_helinski@... marksbuffalobills@...

>From: "Glenn Keneipp" <gdkgkk@...>
>Reply-To: atlas_radio@yahoogroups.com
>To: <atlas_radio@yahoogroups.com>
>Subject: [atlas_radio] 350XL
>Date: Tue, 5 Dec 2006 07:30:28 -0600
>
>350xl power supply repair. Looking for IC CA3085A
>Unable to locate it or a substitute. Have contacted rfparts. They have
>RCA CA3085BS but after 6 days they have not responded back to let me
>know if it has equal specifications. Have located at a few places but they
>require a very high $ purchase order. Thank you KF9XP Glenn in Southern
>Illinois.
>
>[Non-text portions of this message have been removed]
>

_____
Get the latest Windows Live Messenger 8.1 Beta version.?Join now.
http://ideas.live.com

263. Re: 350XL

Yahoo group: atlas_radio
Date: 2006-12-07 17:12:18 UTC
From: n5kzw
Topic: 261 Message: 263

Google is your friend. If you Google CA3085 the second hit is
alldatasheet.com which you can navigate to get here:

<http://pdf1.alldatasheet.com/datasheet-pdf/view/115091/HARRIS/CA3085A.html>

The bad news is that the S package is an 8-pin can while you have an
8-pin DIP. The good news is that the pin configuration is the same in
both packages, so you merely have to shape the leads from the can to
fit your DIP outline.

Regards,
Ed

--- In atlas_radio@yahoogroups.com, "Glenn Keneipp" <gdkgkk@...> wrote:
>
> 350xl power supply repair. Looking for IC CA3085A
> Unable to locate it or a substitute. Have contacted rfparts. They
have RCA CA3085BS but after 6 days they have not responded back to
let me know if it has equal specifications. Have located at a few
places but they require a very high $ purchase order. Thank you
KF9XP Glenn in Southern Illinois.
>
> [Non-text portions of this message have been removed]
>

264. Re: [atlas_radio] Re: Crystal Filter

Yahoo group: atlas_radio
Date: 2006-12-27 13:15:29 UTC
From: Jerry Harley
Topic: 248 Message: 264

n6dra wrote:
>
> --- In atlas_radio@yahoogroups.com
> <mailto:atlas_radio%40yahoogroups.com>, Jerry Harley <wa2tti@...> wrote:
> >
> > I just found a dark blue bandpass filter made by National Radio
> Company,
> > 2.8kc bandwidth, 5.2020mc center freq.model no AS2004. I think I
> > remember seeing these in; Swans, Astro's, Atlas. Does anyone have any
> > ideas?? I was also looking for the Swan group email. Jerry
> >
>
> During the time I worked at Atlas, which was during the 210x/215x era,
> the filters were always unpainted and marked with the "Network
> Sciences" (as I recall) logo and frequency information. They all used
> 5520 KHz (early) and 5645 KHz (later)IF frequencies. I left as they
> were gearing up for the 350 XL, but seem to recall that they also used
> 5645 KHz.
>
> I remember seeing some blue filters in Swan rigs though.
>
> '73
>
> Tim
>
>
> ---
>
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.407 / Virus Database: 268.12.10/459 - Release Date: 29/09/2006
>
>
Well the following is for sale if anyone needs it, $50 shipped Jerry

265. Atlas 350XL manual for U

Yahoo group: atlas_radio
Date: 2007-03-01 20:02:34 UTC
From: wa6mhz_1
Topic: 265 Message: 265

I tried to upload the 350XL manual to this file section but it is 6.1MB long and the YAHOO Maximum is 5.1MB! So if anyone needs this file, Email me at wa6mhz@... and it will be sent right back to you. 73
Pat WA6MHZ
Crest Radio Museum

266. 350xl mods for outputs

Yahoo group: atlas_radio
Date: 2007-03-26 12:32:47 UTC
From: dalepavlicek
Topic: 266 Message: 266

Hi
I have seen that there are mods for the 350xL for the drivers and outputs. I can't seem to find these written anywhere. Could some one steer me in the right direction, for the info. I have 3 parts rigs and one supply,plus my project rig,so some parts would be avaiable if needed by the group. I would like to find the cabinet for the power supply that had the patch and clock,mine is the basic supply.
I also read the rf parts has outputs or subs? any help on parts ,I would be greatful.
thanks
dale wt4t

267. output mods for 350xl

Yahoo group: atlas_radio
Date: 2007-03-27 17:13:32 UTC
From: dalepavlicek
Topic: 267 Message: 267

Hi
Ive also been looking for a write of the mods for the output problems that the 350 can have. Has anybody compiled any notes or lists of mod for the rig. Just thought I would try not to reinvent the wheel, if someone has already done it.
thanks
dale wt4t

268. Re: [atlas_radio] output mods for 350xl

Yahoo group: atlas_radio
Date: 2007-03-27 17:58:54 UTC
From: Jim Strohm
Topic: 267 Message: 268

--- dalepavlicek <yash@...> wrote:

> Ive also been looking for a write of the mods for
> the output problems
> that the 350 can have. Has anybody compiled any
> notes or lists of mod
> for the rig. Just thought I would try not to
> reinvent the wheel, if
> someone has already done it.

As group owner, I'd really like to have this info, so
I could post it in the files section. I hope somebody
can help.

Jim N6OTQ

Bored stiff? Loosen up...
Download and play hundreds of games for free on Yahoo! Games.
http://games.yahoo.com/games/front

269. Re: [atlas_radio] output mods for 350xl

Yahoo group: atlas_radio
Date: 2007-03-27 20:06:34 UTC
From: Jim Strohm
Topic: 267 Message: 269

--- Arthur Trampler <atrampler@...> wrote:

> Jim,
>
> Try here:
>
> http://www.eham.net/reviews/detail/961
>
> I think this will give you what you need.

Thank you, Art.

For the rest of us, here's the text description of the mod. That link has some more interesting info, and is worth a look.

========

The replacement RF output transistors are a matched quad of 2SC2290: http://www.rfparts.com/2sc.html

< moderator note: today's price for MQ set is USD$87.80, which is not excessive IMHO >

Eliminate 300pf base-emitter caps on each PA transistor and add 1000pf silver mica directly across secondary of each PA input transformer (some rigs used 1200pf caps on PA input transformer secondaries in place of 300 pf caps on PA transistors - still go to 1000PF). Place PA temp. compensation diodes (there are 2) directly on top of center PA transistors using silicon heatsink compound for good thermal bond. Add 1uf leaded chip cap from PA bias feed to ground on PA board. Add 1uf leaded chip cap across the temperature comp. diode lead to PA board ground where it leaves the PA board. Set keyed PA current to 2 amps with no RF drive. Add negative feedback to each PA transistor base to collector using 1uf leaded chip cap in series with 3 paralleled 120 ohm wirewound resistors. This adds just the right amount of low frequency negative feedback to properly stabilize the PA. Set the ALC trimmer cap. (on back of rig) on 10M with 50 ohm dummy load connected directly to rig. Proper setting will result in ALC limiting output to 100W with front panel ALC control set fully clockwise. 12 o'clock setting will result in ALC coming in at 150 watts out on all bands. Be sure to run proper ALC setting so you don't

damage grids of any linear amp connected to rig.

The proper plug and play power supply output transistors are a quad of 2N5686. I purchased 5 for $15- new on ebay. Set supply to 13.5V out.

<moderator note: data sheet at <http://www.onsemi.com/pub/Collateral/2N5684-D.PDF> This is a 50A, 80V super-duper 2N3055 and as long as you take note of that Mighty Mouse current rating, you can substitute. Disti prices each on these exact replacements are nearly as high as the 2SC2290 finals, which IS excessive IMHO>

The power supply power transformer secondary has 3 equal paralleled windings. Split them up and feed them to 3 separate 35 amp 600PIV bridge rectifiers on a small heatsink mounted inside the power supply case. Add a very small low noise muffin fan inside the power supply and position it to draw outside air in through the stock side vent slots and blow air across the rectifiers and the power transformer. Change power supply wires to #6 stranded wire.

These changes will result in the PA outputing 180 watts on 160 and 10M and 300 watts 80 through 20M. You can also add WARC bands to the rig with 3 crystals tied through the factory 10 position aux. band switching. You can figure the crystal specs from the manual. You cannot add 60M.

<moderator note: the 350 will tune 5 MHz on aux crystals. So if you added an external crystal selector you could add the necessary frequency control required for 60M, but you would also have to observe the 50W ERP limit. Since a 350 can easily be tweaked into 300W out, I would say that attempting to operate on 60M is strongly discouraged with this rig. Remember, 60M is also USB and has a narrow audio bandwidth limit. One reason that Atlas radios sound so great is that they have a slightly wider transmit audio than is legal for 60, and you would have to filter this back. It would be easier and probably cheaper to buy a modern semi-QRP rig that is 60M ready. Save your 350 as a classic.>

More on 60M: <http://www.arrl.org/FandES/field/regulations/faq-60.html>

I'll try to get this info moved into the files section in the next few days, but no promises.

Jim N6OTQ

Food fight? Enjoy some healthy debate
in the Yahoo! Answers Food & Drink Q&A.
http://answers.yahoo.com/dir/?link=list&sid=396545367

270. A new and probably useful link

Yahoo group: atlas_radio
Date: 2007-03-27 20:56:28 UTC
From: Jim Strohm
Topic: 270 Message: 270

This site has most of the manuals on it.

<http://wireless.org.uk/atlas/index.htm>

Jim N6OTQ

_____
Be a PS3 game guru.
Get your game face on with the latest PS3 news and previews at Yahoo! Games.
http://videogames.yahoo.com/platform?platform=120121

271. A new and probably useful link

Yahoo group: atlas_radio
Date: 2007-03-27 20:56:28 UTC
From: Jim Strohm
Topic: 270 Message: 271

This site has most of the manuals on it.

<http://wireless.org.uk/atlas/index.htm>

Jim N6OTQ

_____
Be a PS3 game guru.
Get your game face on with the latest PS3 news and previews at Yahoo! Games.
http://videogames.yahoo.com/platform?platform=120121

272. RE: [atlas_radio] 350xl mods for outputs

Yahoo group: atlas_radio
Date: 2007-03-31 16:40:44 UTC
From: mark helinski
Topic: 266 Message: 272

dear dale i have one rig for parts plus supply. mark helinski
my email is mark_helinski@... ormarksbuffalobills@...
>From: "dalepavlicek" <yash@...>
>Reply-To: atlas_radio@yahoogroups.com
>To: atlas_radio@yahoogroups.com
>Subject: [atlas_radio] 350xl mods for outputs
>Date: Mon, 26 Mar 2007 12:32:47 -0000
>
>Hi
> I have seen that there are mods for the 350xL for the drivers and
>outputs. I can't seem to find these written anywhere. Could some one
>steer me in the right direction, for the info. I have 3 parts rigs and
>one supply,plus my project rig,so some parts would be avaiable if
>needed by the group. I would like to find the cabinet for the power
>supply that had the patch and clock,mine is the basic supply.
> I also read the rf parts has outputs or subs? any help on parts ,I
>would be greatful.
>thanks
>dale wt4t
>

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need it. http://maps.live.com/?icid=hmtag2&FORM=MGAC01

273. Why doesn't it draw more amps?

Yahoo group: atlas_radio
Date: 2007-06-11 14:31:27 UTC
From: ki6hjh
Topic: 273 Message: 273

Bought a 215X from a ham clearing out a lot of old stuff. We ran it while I was at his shack, and it seemed to be OK. Got a QSO on 80 and one on 40m. Got it home and hooked it up. (After I got some banana plugs - I got it with the mobile slide in mounting bracket "MBK", but that appears to have some issues as well.) Bridged the hi & low power input banana plugs as per instructions. Seemed to work fine on RX, drawing an amp or a little less from my Astron 35M. But when I keyed up, it only drew a little more (maybe 2 amps). Got no response to the CQ I called, and it didn't awaken my field strength meter at all. Also it won't activate my LDG Z-100 auto tuner to tune up.

Is there something I'm missing on this unique hi/low power input thing, or did I somehow blow something hooking it up? I'm not a tech, so don't go over my head with tear-into-it instructions. Anybody know of a repair shop on the west coast that will check this out?

Tnx & 73
Peter
KD6CPA (new vanity call)

274. Re: [atlas_radio] Why doesn't it draw more amps?

Yahoo group: atlas_radio
Date: 2007-06-11 17:54:54 UTC
From: brainerd@wildblue.net
Topic: 273 Message: 274

On 11 Jun 2007 at 14:31, ki6hjh wrote:

> Bought a 215X from a ham clearing out a lot of old stuff. We ran it
> while I was at his shack, and it seemed to be OK. Got a QSO on 80 and
> one on 40m. Got it home and hooked it up. (After I got some banana
> plugs - I got it with the mobile slide in mounting bracket "MBK", but
> that appears to have some issues as well.) Bridged the hi & low power
> input banana plugs as per instructions. Seemed to work fine on RX,
> drawing an amp or a little less from my Astron 35M. But when I keyed
> up, it only drew a little more (maybe 2 amps). Got no response to the
> CQ I called, and it didn't awaken my field strength meter at all. Also
> it won't activate my LDG Z-100 auto tuner to tune up.
>
> Is there something I'm missing on this unique hi/low power input thing,
> or did I somehow blow something hooking it up? I'm not a tech, so
> don't go over my head with tear-into-it instructions. Anybody know of
> a repair shop on the west coast that will check this out?
>
> Tnx & 73
> Peter
> KD6CPA (new vanity call)
>

I use an Atlas 180 daily which I bought new in 1976. The 180,210 and 215 have SWR foldback circuits on the finals. The drive to the final is reduced as the SWR goes up to protect the finals. You won't see a lot of current until you get under about 2:1 SWR. With a 1:1 SWR, I can peg the current meter on mine. It does work really neat for trimming antennas. When making a dipole or inverted vee(that's what I have on 75 meters), I cut the antenna a little long, then snip a little off each end and check what freq. the current peaks at. When the current drawn peaks at the freq I want, the antenna is tuned. If if peaks at a lower freq., the antenna is too long. If it peaks at a higher freq., the antenna is too short.

Dave - WB6DHW

275. Re: Why doesn't it draw more amps?

Yahoo group: atlas_radio
Date: 2007-06-12 00:23:47 UTC
From: ki6hjh
Topic: 273 Message: 275

I'm aware of the 215x's power reduction with high SWR, and considered that. But it won't even register on my antenna tuner as transmitting so I can adjust the tuning & SWR.

Peter
KDCPA (vanity call!)

276. Re: [atlas_radio] Re: Why doesn't it draw more amps?

Yahoo group: atlas_radio
Date: 2007-06-12 00:27:51 UTC
From: Jim Strohm
Topic: 273 Message: 276

--- ki6hjh <ki6hjh@...> wrote:

> I'm aware of the 215x's power reduction with high
> SWR, and considered
> that. But it won't even register on my antenna
> tuner as transmitting
> so I can adjust the tuning & SWR.

Make sure the mic gain is turned up.

It helps to have an antenna that's at least close to
50 ohms....

Jim N6OTQ

_____
Fussy? Opinionated? Impossible to please? Perfect. Join Yahoo!'s user panel and lay it on us. http://surveylink.yahoo.com/gmrs/yahoo_panel_invite.asp?a=7

277. Re: Replacement finals For Atlas 350XL

Yahoo group: atlas_radio
Date: 2007-08-14 16:02:29 UTC
From: seth_otherpower
Topic: 254 Message: 277

```
--- In atlas_radio@yahoogroups.com, "radiofellow50" <bkemp@...> wrote:
>
> I have a 350XL benched at a friends and I may need a set of finals for
> the radio. What's the correct replacement unit or substitute. Seems to
> me there was a Motorola part that worked, but the rig had issues iwth
it
> "taking off" and couldn't be tamed!
> Bob
>

I used a quad set of mrf454 in mine .... outputs more power now.. and
needed a larger power supply.
```

278. Atlas 350XL power supply

Yahoo group: atlas_radio
Date: 2007-09-19 08:19:14 UTC
From: seth_otherpower
Topic: 278 Message: 278

Does any one have a non-working 350XL power supply.....

I have a working one but i want to put 2 computer power supplys i modified to output 15V into one. Id rather not gut a working PS so im just asking around.

KC7NOA

279. Re: Replacement finals For Atlas 350XL

Yahoo group: atlas_radio
Date: 2007-10-22 05:39:07 UTC
From: seth_otherpower
Topic: 254 Message: 279

--- In atlas_radio@yahoogroups.com, "seth_otherpower" <Patriot121@...>
wrote:
>
> --- In atlas_radio@yahoogroups.com, "radiofellow50" <bkemp@> wrote:
> >
> > I have a 350XL benched at a friends and I may need a set of finals for
> > the radio. What's the correct replacement unit or substitute. Seems to
> > me there was a Motorola part that worked, but the rig had issues iwth
> it
> > "taking off" and couldn't be tamed!
> > Bob
> >
>
> I used a quad set of mrf454 in mine .... outputs more power now.. and
> needed a larger power supply.
>
what was the output on 160M ??

280. Crystals

Yahoo group: atlas_radio
Date: 2007-10-22 05:40:15 UTC
From: seth_otherpower
Topic: 280 Message: 280

who in the USA is a good and cheap seller for crystals for the 350XL ??

I would like to add more bands to my radio

282. Re: [atlas_radio] for sale atlas 350xlt have three sell them all

Yahoo group: atlas_radio
Date: 2007-11-03 17:53:54 UTC
From: Jim
Topic: 281 Message: 282

Can you provide pictures of these?

Jim N6OTQ

--- marksbuffalobills <marksbuffalobills@...> wrote:

> selling all for 400.002 have vfo that u can unplug,digital dail.all
> need work.or trade for a shortwave reciver like r75 or 70 0r even a
> 730
> or 743 icom.ill through in a power supply .atlas ps supply.

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283. RE: [atlas_radio] for sale atlas 350xlt have three sell them all

Yahoo group: atlas_radio
Date: 2007-11-03 18:41:41 UTC
From: MIKE DURKIN
Topic: 281 Message: 283

does the inner vfo dial spin at the same speed as the outer dial??

To: atlas_radio@yahoogroups.comFrom: marksbuffalobills@...: Sat, 3 Nov 2007 16:52:33 +0000Subject: [atlas_radio] for sale atlas 350xlt have three sell them all

selling all for 400.002 have vfo that u can unplug,digital dail.all need work.or trade for a shortwave reciver like r75 or 70 0r even a 730 or 743 icom.ill through in a power supply .atlas ps supply.

_____
Boo! Scare away worms, viruses and so much more! Try Windows Live OneCare!
http://onecare.live.com/standard/en-us/purchase/trial.aspx?s_cid=wl_hotmailnews

[Non-text portions of this message have been removed]

284. Re: [atlas_radio] for sale atlas 350xlt have three sell them all

Yahoo group: atlas_radio
Date: 2007-11-04 01:26:50 UTC
From: Dave/Rebecca
Topic: 281 Message: 284

the digital dial is really nice to have, I use one on my 215

DH
----- Original Message -----
From: MIKE DURKIN
To: atlas_radio@yahoogroups.com
Sent: Saturday, November 03, 2007 1:41 PM
Subject: RE: [atlas_radio] for sale atlas 350xlt have three sell them all

does the inner vfo dial spin at the same speed as the outer dial??

To: atlas_radio@yahoogroups.comFrom: marksbuffalobills@...: Sat, 3 Nov 2007 16:52:33 +0000Subject: [atlas_radio] for sale atlas 350xlt have three sell them all

selling all for 400.002 have vfo that u can unplug,digital dail.all need work.or trade for a shortwave reciver like r75 or 70 0r even a 730 or 743 icom.ill through in a power supply .atlas ps supply.

_____
Boo! Scare away worms, viruses and so much more! Try Windows Live OneCare!
http://onecare.live.com/standard/en-us/purchase/trial.aspx?s_cid=wl_hotmailnews

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[Non-text portions of this message have been removed]

285. ATLAS 350XL

Yahoo group: atlas_radio
Date: 2007-11-23 16:03:25 UTC
From: Robert Davis
Topic: 285 Message: 285

Good Morning To The Group,

My name is Bob Davis AI4GE. I just bought a Atlas 350XL with Power Supply. I am new to the group and look forward to receiving it. I bought it from a great guy so I know what I am in for. I will be having questions from all the mentors I know monitor this net. Just wanted to
say hello.
73 Bob Davis AI4GE

286. Re: [atlas_radio] ATLAS 350XL

Yahoo group: atlas_radio
Date: 2007-11-23 16:58:08 UTC
From: Dave/Rebecca
Topic: 285 Message: 286

good luck on the project Robert

Dave
----- Original Message -----
From: Robert Davis
To: atlas_radio@yahoogroups.com
Sent: Friday, November 23, 2007 10:03 AM
Subject: [atlas_radio] ATLAS 350XL

Good Morning To The Group,

My name is Bob Davis AI4GE. I just bought a Atlas 350XL with Power Supply. I am new to the group and look forward to receiving it. I bought it from a great guy so I know what I am in for. I will be having questions from all the mentors I know monitor this net. Just wanted to
say hello.
73 Bob Davis AI4GE

[Non-text portions of this message have been removed]

288. Atlas 350-PS

Yahoo group: atlas_radio
Date: 2007-12-01 18:14:09 UTC
From: Robert Davis
Topic: 288 Message: 288

Hello to the group. I have assembled all the parts to rebuild a Atlas 350-PS with orignal parts. Before I do that I would like to know if they are any up-grades or mods that I should
be aware of? I also have the Atlas 350-XL to go with it but I figured I would get the power supply up to specs before restoring it.
73 Bob Davis AI4GE

289. Atlas 350-PS

Yahoo group: atlas_radio
Date: 2007-12-06 15:09:30 UTC
From: Robert Davis
Topic: 288 Message: 289

Good Morning to the Group,
I am looking for any information I can find on the transistor RCA31A used in the Atlas 350-PS. I have tried google with no luck. I tried e-bay again no luck. Any help would be appreciated. 73 Bob Davis AI4GE

290. Re: [atlas_radio] Atlas 350-PS

Yahoo group: atlas_radio
Date: 2007-12-06 17:32:02 UTC
From: traulle@freenet.de
Topic: 288 Message: 290

I found some of this transistor , here is an page with some infomation.
http://www.datasheetarchive.com/specsheet/RCA31A.html
I hope it helps.
73 de DL6YST

----- Original Message -----
From: "Robert Davis" <ai4ge2go@...>
To: <atlas_radio@yahoogroups.com>
Sent: Thursday, December 06, 2007 4:09 PM
Subject: [atlas_radio] Atlas 350-PS

> Good Morning to the Group,
> I am looking for any information I can find on the transistor RCA31A used
> in the Atlas 350-
> PS. I have tried google with no luck. I tried e-bay again no luck. Any
> help would be
> appreciated. 73 Bob Davis AI4GE
>
>
>
>
> Yahoo! Groups Links
>
>
>
>

291. RCA31A

Yahoo group: atlas_radio
Date: 2007-12-06 21:01:49 UTC
From: Robert Davis
Topic: 291 Message: 291

Thank You DL6YST this information helps I now have a lot more information to go on. Thanks again I do like this group. 73 Bob Davis AI4GE

292. Atlas 350-PS RCA31A

Yahoo group: atlas_radio
Date: 2007-12-14 15:09:50 UTC
From: Robert Davis
Topic: 292 Message: 292

Good Morning Group.
After a lot of detective work and help from you guys I have found out that the RCA31A used in the the Atlas 350-PS is a NTE152. easy to find and only three bucks.
73 Bob Davis AI4GE

293. Atlas 215X and PSK

Yahoo group: atlas_radio
Date: 2007-12-16 02:04:07 UTC
From: hagoodcd
Topic: 293 Message: 293

Anyone using Atlas 210 or 215 with an interface with computer to work
PSK and other digi stuff, if so please let me know how you are doing it.

Dave

294. Re: [atlas_radio] Atlas 215X and PSK

Yahoo group: atlas_radio
Date: 2007-12-16 16:55:57 UTC
From: Jerry Spears
Topic: 293 Message: 294

I ve done it many times with a simple iface to my computer. I use DTS to switch a transistor on the PTT pin for the mike due to no VOX. A very simple iface from the sound card, I clif leads on the speaker for the computer.
Regards Jerry

hagoodcd <chagood@...> wrote: Anyone using Atlas 210 or 215 with an interface with computer to work
PSK and other digi stuff, if so please let me know how you are doing it.

Dave

[Non-text portions of this message have been removed]

295. Re: [atlas_radio] Atlas 215X and PSK

Yahoo group: atlas_radio
Date: 2007-12-16 22:34:47 UTC
From: Dave/Rebecca
Topic: 293 Message: 295

ok got the rx coming in to the computer sound card, could you go back over the switch of PTT part and keep in mind you are talking to a person with limited electronic experience. I am assuming you are talking about using a 1/4 inch plug into the mic plug. It is a three post set up I see, which wires go to which post in relation to where it hooks up to the computer? I appreciate the help.

Dave
----- Original Message -----
From: Jerry Spears
To: atlas_radio@yahoogroups.com
Sent: Sunday, December 16, 2007 10:55 AM
Subject: Re: [atlas_radio] Atlas 215X and PSK

I ve done it many times with a simple iface to my computer. I use DTS to switch a transistor on the PTT pin for the mike due to no VOX. A very simple iface from the sound card, I clif leads on the speaker for the computer.
Regards Jerry

hagoodcd <chagood@...> wrote: Anyone using Atlas 210 or 215 with an interface with computer to work
PSK and other digi stuff, if so please let me know how you are doing it.

Dave

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

296. Re: [atlas_radio] Atlas 215X and PSK

Yahoo group: atlas_radio
Date: 2007-12-17 12:47:47 UTC
From: Jerry Spears
Topic: 293 Message: 296

The tip is the PTT,if you ground that it goes into xmit. I used a simple xctr switch with a 10 resistor in series with the collector. From the computer a LED and 1k ohm resistor into the base.The other pin is audio in....Jerry Good Luck...

Dave/Rebecca <chagood@...> wrote: ok got the rx coming in to the computer sound card, could you go back over the switch of PTT part and keep in mind you are talking to a person with limited electronic experience. I am assuming you are talking about using a 1/4 inch plug into the mic plug. It is a three post set up I see, which wires go to which post in relation to where it hooks up to the computer? I appreciate the help.

Dave
----- Original Message -----
From: Jerry Spears
To: atlas_radio@yahoogroups.com
Sent: Sunday, December 16, 2007 10:55 AM
Subject: Re: [atlas_radio] Atlas 215X and PSK

I ve done it many times with a simple iface to my computer. I use DTS to switch a transistor on the PTT pin for the mike due to no VOX. A very simple iface from the sound card, I clif leads on the speaker for the computer.
Regards Jerry

hagoodcd <chagood@...> wrote: Anyone using Atlas 210 or 215 with an interface with computer to work
PSK and other digi stuff, if so please let me know how you are doing it.

Dave

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

297. Re: [atlas_radio] Digest Number 165

Yahoo group: atlas_radio
Date: 2007-12-17 15:33:55 UTC
From: Miodrag Spajic
Topic: 297 Message: 297

Hi Dave ..

Some of my friends are using digital modes with 215 which is more common here. I am on PSK bands all the time but with other rig..

I'll ask them and let you know, as far as I know there is no problem but, always that "but", Atlas loves to drift with frequency and that is big trouble on PSK... on SSB it is not a big deal, HI....

73's de YU1MW, Misha from Belgrade

atlas_radio@yahoogroups.com wrote:
Atlas Radio
Messages In This Digest (1 Message)
1.
Atlas 215X and PSK From: hagoodcd
View All Topics | Create New Topic
Message
1.
Atlas 215X and PSK Posted by: "hagoodcd" chagood@... hagoodcd Sat Dec 15, 2007 6:04 pm (PST) Anyone using Atlas 210 or 215 with an interface with computer to work PSK and other digi stuff, if so please let me know how you are doing it.

Dave

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298. Re: [atlas_radio] Digest Number 165

Yahoo group: atlas_radio
Date: 2007-12-17 22:34:46 UTC
From: Dave/Rebecca
Topic: 297 Message: 298

Thanks, 215 is backup I just wanted to have the capability if I needed it for backup.

Dave
----- Original Message -----
From: Miodrag Spajic
To: atlas_radio@yahoogroups.com
Sent: Monday, December 17, 2007 9:33 AM
Subject: Re: [atlas_radio] Digest Number 165

Hi Dave ..

Some of my friends are using digital modes with 215 which is more common here. I am on PSK bands all the time but with other rig..

I'll ask them and let you know, as far as I know there is no problem but, always that "but", Atlas loves to drift with frequency and that is big trouble on PSK... on SSB it is not a big deal, HI....

73's de YU1MW, Misha from Belgrade

atlas_radio@yahoogroups.com wrote:
Atlas Radio
Messages In This Digest (1 Message)
1.
Atlas 215X and PSK From: hagoodcd
View All Topics | Create New Topic
Message
1.
Atlas 215X and PSK Posted by: "hagoodcd" chagood@... hagoodcd Sat Dec 15, 2007 6:04 pm (PST) Anyone using Atlas 210 or 215 with an interface with computer to work
PSK and other digi stuff, if so please let me know how you are doing it.

Dave

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

299. Re: [atlas_radio] Atlas 215X and PSK

Yahoo group: atlas_radio
Date: 2007-12-17 22:35:03 UTC
From: Dave/Rebecca
Topic: 293 Message: 299

Thank you

Dave
----- Original Message -----
From: Jerry Spears
To: atlas_radio@yahoogroups.com
Sent: Monday, December 17, 2007 6:47 AM
Subject: Re: [atlas_radio] Atlas 215X and PSK

The tip is the PTT,if you ground that it goes into xmit. I used a simple xctr switch with a 10 resistor in series with the collector. From the computer a LED and 1k ohm resistor into the base.The other pin is audio in....Jerry Good Luck...

Dave/Rebecca <chagood@...> wrote: ok got the rx coming in to the computer sound card, could you go back over the switch of PTT part and keep in mind you are talking to a person with limited electronic experience. I am assuming you are talking about using a 1/4 inch plug into the mic plug. It is a three post set up I see, which wires go to which post in relation to where it hooks up to the computer? I appreciate the help.

Dave
----- Original Message -----
From: Jerry Spears
To: atlas_radio@yahoogroups.com
Sent: Sunday, December 16, 2007 10:55 AM
Subject: Re: [atlas_radio] Atlas 215X and PSK

I ve done it many times with a simple iface to my computer. I use DTS to switch a transistor on the PTT pin for the mike due to no VOX. A very simple iface from the sound card, I clif leads on the speaker for the computer.
Regards Jerry

hagoodcd <chagood@...> wrote: Anyone using Atlas 210 or 215 with an interface with computer to work
PSK and other digi stuff, if so please let me know how you are doing it.

Dave

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

300. Re: [atlas_radio] Atlas 215X and PSK

Yahoo group: atlas_radio
Date: 2007-12-18 12:49:00 UTC
From: Jerry Spears
Topic: 293 Message: 300

Dave really watch your power, if you have original output xctrs you could easily lose them, I run very low power and the heatsink sitll gets pretty hot.I have replaced the outputs also with much stronger xctrs.....good luck...Jerry

Dave/Rebecca <chagood@...> wrote: Thank you

Dave
----- Original Message -----
From: Jerry Spears
To: atlas_radio@yahoogroups.com
Sent: Monday, December 17, 2007 6:47 AM
Subject: Re: [atlas_radio] Atlas 215X and PSK

The tip is the PTT,if you ground that it goes into xmit. I used a simple xctr switch with a 10 resistor in series with the collector. From the computer a LED and 1k ohm resistor into the base.The other pin is audio in....Jerry Good Luck...

Dave/Rebecca <chagood@...> wrote: ok got the rx coming in to the computer sound card, could you go back over the switch of PTT part and keep in mind you are talking to a person with limited electronic experience. I am assuming you are talking about using a 1/4 inch plug into the mic plug. It is a three post set up I see, which wires go to which post in relation to where it hooks up to the computer? I appreciate the help.

Dave
----- Original Message -----
From: Jerry Spears
To: atlas_radio@yahoogroups.com
Sent: Sunday, December 16, 2007 10:55 AM
Subject: Re: [atlas_radio] Atlas 215X and PSK

I ve done it many times with a simple iface to my computer. I use DTS to switch a transistor on the PTT pin for the mike due to no VOX. A very simple iface from the sound card, I clif leads on the speaker for the computer.
Regards Jerry

hagoodcd <chagood@...> wrote: Anyone using Atlas 210 or 215 with an interface with computer to work
PSK and other digi stuff, if so please let me know how you are doing it.

Dave

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

301. Re: Atlas 215X Finals

Yahoo group: atlas_radio
Date: 2007-12-18 15:07:02 UTC
From: johnhutchinsusa
Topic: 293 Message: 301

Jerry,
May I ask which transistors you replaced yours with?
Tnx es 73,
John WB4NNY

>
> Dave really watch your power, if you have original output xctrs you could easily lose them, I run very low power and the heatsink sitll gets pretty hot.I have replaced the outputs also with much stronger xctrs.....good luck...Jerry

302. Re: [atlas_radio] Re: Atlas 215X Finals

Yahoo group: atlas_radio
Date: 2007-12-18 16:47:41 UTC
From: Jerry Spears
Topic: 293 Message: 302

I put MRF455's in my 215 and MRF454's in my 210. The original finals are pretty fragile.
Regards Jerry

johnhutchinsusa <johnhutchinsusa@...> wrote: Jerry,
May I ask which transistors you replaced yours with?
Tnx es 73,
John WB4NNY

>
> Dave really watch your power, if you have original output xctrs you
could easily lose them, I run very low power and the heatsink sitll
gets pretty hot.I have replaced the outputs also with much stronger
xctrs.....good luck...Jerry

[Non-text portions of this message have been removed]

303. Re: [atlas_radio] Re: Atlas 215X Finals

Yahoo group: atlas_radio
Date: 2007-12-18 17:04:34 UTC
From: Jim
Topic: 293 Message: 303

Besides checking the bias, did you change anything for either radio?

Jim N6OTQ

--- Jerry Spears <jerryind@...> wrote:

> I put MRF455's in my 215 and MRF454's in my 210. The original finals
> are pretty fragile. Regards Jerry
>
> johnhutchinsusa <johnhutchinsusa@...> wrote: Jerry,
> May I ask which transistors you replaced yours with?
> Tnx es 73,
> John WB4NNY
>
> >
> > Dave really watch your power, if you have original output xctrs you
> could easily lose them, I run very low power and the heatsink sitll
> gets pretty hot.I have replaced the outputs also with much stronger
> xctrs.....good luck...Jerry
>
>
>

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http://www.yahoo.com/r/hs

304. Re: [atlas_radio] Re: Atlas 215X Finals

Yahoo group: atlas_radio
Date: 2007-12-18 17:10:24 UTC
From: Jerry Spears
Topic: 293 Message: 304

Hi Jim, no need to change anything, however I did some published mods later with negative feed back. They also recommend adding a turn to the output balun. These mods are all avail on several Atlas web sites.

I had to open up the slot for the MRF454's as they have a little larger diameter transistor cap.

I am willing to bet there are many Atlas rigs outhere with bad outputs.

Regards Jerry

[Non-text portions of this message have been removed]

305. another manual option

Yahoo group: atlas_radio
Date: 2007-12-19 18:41:00 UTC
From: skipp025
Topic: 305 Message: 305

Hello to the group,

Just joined in... long time fan and fairly recent owner of
an Atlas 210x (or two).

I received a faily nice condition manual with my lastest radio
purchase and have taken the time to enlarge the pages to 8.5x11
and scan to pdf format.

I noticed the group has a scans of the manuals but since there
appears to be more than enough room within the group files section
I loaded my manual scan in. It's a fairly well done scan so the
pictures are clear and easy to read.

Please feel free to download and print it at your pleasure. Maybe
the enlarged pages would be easier for tired eyes to read.

cheers,
skipp

306. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2007-12-19 18:44:05 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 306

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Owners Manuals/atlas210.pdf
Uploaded by : skipp025 <skipp025@...>
Description : Atlas 210x and Atlas 215x Owner Service Manual

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/Owners%20Manuals/atlas210.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

skipp025 <skipp025@...>

307. Older Atlas 210

Yahoo group: atlas_radio
Date: 2007-12-19 19:42:59 UTC
From: Ken Burchfield
Topic: 307 Message: 307

I am looking for information, Schematics and other data on older Atlas 210 this is not the 210X.
Band switch show these markings
3.7
7
14
21.1
28.5
What looks strange is the 3.7 for 75 meters
I would any information anyone has .
Thanks
73 Ken k5jxl@...

PacketRadio is Still Alive.......Mississippi.......145.010.......Simplex.......1200 Baud

_____
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http://www.yahoo.com/r/hs

[Non-text portions of this message have been removed]

308. Re: [atlas_radio] Older Atlas 210

Yahoo group: atlas_radio
Date: 2007-12-19 20:07:14 UTC
From: Jim
Topic: 307 Message: 308

Hi Ken

Do you know anything about the history of this particular Atlas, such as whether it was an export model? I've noticed several differences on band markings, most notably from DX Atlas owners.

Know that there's at least one other Atlas group on yahoo. It's at <http://groups.yahoo.com/group/atlas210x-215x/>

They may be able to help. For now, some of the 210X information available on this group will provide a clue for a 210.

Do you have any specific questions about specific problems? We're here to help.

Jim N6OTQ
group owner

--- Ken Burchfield <k5jxl@...> wrote:

> I am looking for information, Schematics and other data on older
> Atlas 210 this is not the 210X.
> Band switch show these markings
> 3.7
> 7
> 14
> 21.1
> 28.5
> What looks strange is the 3.7 for 75 meters
> I would any information anyone has .
> Thanks
> 73 Ken k5jxl@...
>
>
> PacketRadio is Still
> Alive.......Mississippi.......145.010.......Simplex.......1200 Baud
>
>
>
>

Be a better friend, newshound, and
know-it-all with Yahoo! Mobile. Try it now.
http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

309. Re: [atlas_radio] another manual option

Yahoo group: atlas_radio
Date: 2007-12-19 20:20:25 UTC
From: Jim
Topic: 305 Message: 309

Thanks, Skipp. I'll check the two scans and remove the inferior one.

I expect that your\s will probably be the one that stays ...

Everybody else, if you can help with adding manuals, it will be
appreciated. Please try not to duplicate anything unless you have a
scan that's cleaner (and hopefully a smaller file size) that what's
already here.

If you've got manuals for OTHER than 210X/215X, and you can't scan
them, please drop a note to the group and I'll see what I can work out.
Especially if you have info on export models.

73

Jim N6OTQ
group owner

--- skipp025 <skipp025@...> wrote:

> Hello to the group,
>
> Just joined in... long time fan and fairly recent owner of
> an Atlas 210x (or two).
>
> I received a faily nice condition manual with my lastest radio
> purchase and have taken the time to enlarge the pages to 8.5x11
> and scan to pdf format.
>
> I noticed the group has a scans of the manuals but since there
> appears to be more than enough room within the group files section
> I loaded my manual scan in. It's a fairly well done scan so the
> pictures are clear and easy to read.
>
> Please feel free to download and print it at your pleasure. Maybe
> the enlarged pages would be easier for tired eyes to read.
>
> cheers,
> skipp
>

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http://www.yahoo.com/r/hs

310. Re: another manual option

Yahoo group: atlas_radio
Date: 2007-12-20 17:15:05 UTC
From: skipp025
Topic: 305 Message: 310

The scans might not be the same all the way through... Since there
is more than enough space in the group files section... might as
well leave them both in for now.
cheers,
s.

> Jim <n6otq@...> wrote:
>
> Thanks, Skipp. I'll check the two scans and remove the inferior one.
>
> I expect that your\s will probably be the one that stays ...
>
> Everybody else, if you can help with adding manuals, it will be
> appreciated. Please try not to duplicate anything unless you have a
> scan that's cleaner (and hopefully a smaller file size) that what's
> already here.
>
> If you've got manuals for OTHER than 210X/215X, and you can't scan
> them, please drop a note to the group and I'll see what I can work out.
> Especially if you have info on export models.
>
> 73
>
> Jim N6OTQ
> group owner
>
>
> --- skipp025 <skipp025@...> wrote:
>
> > Hello to the group,
> >
> > Just joined in... long time fan and fairly recent owner of
> > an Atlas 210x (or two).
> >
> > I received a faily nice condition manual with my lastest radio
> > purchase and have taken the time to enlarge the pages to 8.5x11
> > and scan to pdf format.
> >
> > I noticed the group has a scans of the manuals but since there
> > appears to be more than enough room within the group files section
> > I loaded my manual scan in. It's a fairly well done scan so the
> > pictures are clear and easy to read.
> >
> > Please feel free to download and print it at your pleasure. Maybe
> > the enlarged pages would be easier for tired eyes to read.

> >
> > cheers,
> > skipp
> >
>
>
>

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> http://www.yahoo.com/r/hs
>

311. 210x crystal filter wanted

Yahoo group: atlas_radio
Date: 2008-01-01 22:21:32 UTC
From: Paul
Topic: 311 Message: 311

Hi, all-

I'm looking for a good crystal filter for a 210x, 5520 kHz IF. If it comes with the rest of a parts radio attached, that'd be fine as well.

73 and Happy New Year!
Paul

312. RE: [atlas_radio] 210x crystal filter wanted

Yahoo group: atlas_radio
Date: 2008-01-02 00:37:16 UTC
From: MIKE DURKIN
Topic: 311 Message: 312

I do have a working 180, it just has no dial or case... might be talked into parting it out.

> To: atlas_radio@yahoogroups.com
> From: paulz67@...
> Date: Tue, 1 Jan 2008 22:21:32 +0000
> Subject: [atlas_radio] 210x crystal filter wanted
>
>
> Hi, all-
>
> I'm looking for a good crystal filter for a 210x, 5520 kHz IF. If it
> comes with the rest of a parts radio attached, that'd be fine as well.
>
> 73 and Happy New Year!
> Paul
>
>
>

Get the power of Windows + Web with the new Windows Live.
http://www.windowslive.com?ocid=TXT_TAGHM_Wave2_powerofwindows_122007

313. RE: [atlas_radio] 210x crystal filter wanted

Yahoo group: atlas_radio
Date: 2008-01-02 12:16:58 UTC
From: Jim
Topic: 311 Message: 313

Be sure to verify the filter center frequency ... I know that there was
an early switch in filter frequency from 210 to 210X, and I don't have
a 180 manual and/or original specimen to look at.

Jim N6OTQ

--- MIKE DURKIN <Patriot121@...> wrote:

>
> I do have a working 180, it just has no dial or case... might be
> talked into parting it out.
> _____
> > To: atlas_radio@yahoogroups.com
> > From: paulz67@...
> > Date: Tue, 1 Jan 2008 22:21:32 +0000
> > Subject: [atlas_radio] 210x crystal filter wanted
> >
> >
> > Hi, all-
> >
> > I'm looking for a good crystal filter for a 210x, 5520 kHz IF. If
> it
> > comes with the rest of a parts radio attached, that'd be fine as
> well.
> >
> > 73 and Happy New Year!
> > Paul
> >
> >

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http://www.yahoo.com/r/hs

314. Re: 210x crystal filter wanted

Yahoo group: atlas_radio
Date: 2008-01-03 03:04:18 UTC
From: Paul
Topic: 311 Message: 314

Hi, Jim--

Happy New Year to you! This one's definitely a 5520 kHz filter (marked 5.52 MHz on the can), as opposed to the 5645 kHz IF cans.

FWIW, Sherwood Engineering in Colorado apparently offers a 2.2 kHz width filter for the later 210s (5645 kHz IFs only), and it wasn't horribly expensive, if the quality is anything like their Drake filters.

73,
Paul
KA0JQF

- In atlas_radio@yahoogroups.com, Jim <n6otq@...> wrote:
>
> Be sure to verify the filter center frequency ... I know that there was
> an early switch in filter frequency from 210 to 210X, and I don't have
> a 180 manual and/or original specimen to look at.
>
> Jim N6OTQ
>
>
>

315. atlas console

Yahoo group: atlas_radio
Date: 2008-01-24 00:01:40 UTC
From: hagoodcd
Topic: 315 Message: 315

anyone need an atlas console/power unit, I am ready to give mine up,
takes up too much room. Let me know if you need one.

Dave N5JZD

316. Re: [atlas_radio] atlas console

Yahoo group: atlas_radio
Date: 2008-01-24 01:18:13 UTC
From: Jerry Spears
Topic: 315 Message: 316

Hi Dave, how much do you want ? Tnx Jerry

hagoodcd <chagood@...> wrote: anyone need an atlas console/power unit, I am ready to give mine up,
takes up too much room. Let me know if you need one.

Dave N5JZD

[Non-text portions of this message have been removed]

317. Re: [atlas_radio] atlas console

Yahoo group: atlas_radio
Date: 2008-01-24 12:29:22 UTC
From: Dave/Rebecca
Topic: 315 Message: 317

I will take 39 plus shipping, the speaker wire has been cut but the speaker is still there. I used a 1/4 plug to plug in the back of the radio and used a kenwood speaker that I had. I started to send a picture but was not sure it would get into the group setup or not. If you want a picture give me your email address. Let me know if you are interested in buying it. Money order would be fine.

Dave
----- Original Message -----
From: Jerry Spears
To: atlas_radio@yahoogroups.com
Sent: Wednesday, January 23, 2008 7:18 PM
Subject: Re: [atlas_radio] atlas console

Hi Dave, how much do you want ? Tnx Jerry

hagoodcd <chagood@...> wrote: anyone need an atlas console/power unit, I am ready to give mine up,
takes up too much room. Let me know if you need one.

Dave N5JZD

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

318. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2008-02-19 19:54:34 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 318

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas ads/Atlas 350 XL- Early Model.pdf
Uploaded by : rvd151a0k0 <rvd151a0k0@...>
Description : Atlas 350 XL Ad

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/Atlas%20ads/Atlas%20350%20XL-%20Early%20Model.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

rvd151a0k0 <rvd151a0k0@...>

319. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2008-02-21 00:16:26 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 319

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas350XL/Atlas 350 XL-Later Model .jpg
Uploaded by : rvd151a0k0 <rvd151a0k0@...>
Description : Atlas 350 XL-Later model with Aux. 305 VFO

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/Atlas350XL/Atlas%20350%20XL-Later%20Model%20.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

rvd151a0k0 <rvd151a0k0@...>

320. Clipperton Dx Club

Yahoo group: atlas_radio
Date: 2008-02-22 21:44:22 UTC
From: Mike, KA5DVR
Topic: 320 Message: 320

Hi All,
I am new to the group. I copied the following off of the Swan Network Website courtesy of Marty Haley,AB5GU . It is a bit of history regarding Herb Johnson, founder of Swan and Atlas Radio. Enjoy.

73s

With the Clipperton DXpedition coming up in March, I thought some others
from the Swan Net would like to read about the previous DX trip by Swan Founder
Herb Johnson, W6QKI, and others to the island.

MARCH 1978 : A Franco-Swiss expedition with F5II, F6AOI, F6AQO, F6ARC, F6BBJ,
F6BFH, F9IE, F9JS, HB9AEE, HB9AHL, HE9SWL, WA4WME, W6HVN, N6IC, W6QKI, W6SO,
and WA9INK, lands on Clipperton, a small piece of French land in the Pacific
ocean, isolated 1500 km off the coast of Mexico. In one week, between March
20th and 27th, over 29,000 contacts are made. This large success leads to the
creation of the CLIPPERTON DX CLUB.

More info about Herb Johnson and the DXpedition. It's worth reading.
http://www.clippert on2008.org/ fo0xa-h.htm
(http://www.clippert on2008.org/ fo0xa-h.htm)

I plan to get the all of the Swan and Atlas rigs fired up and work this one
in Herb's memory. I have W6QKI as the call sign assigned to the Santa Fe
Amateur Radio Club. I don't think anyone on the current DXpedition will "get it",
but we will.

73,
Marty Haley AB5GU
Trustee Santa Fe Amateur Radio Club W6QKI

321. Bad link to Clipperton Dx Club Article

Yahoo group: atlas_radio
Date: 2008-02-22 23:21:34 UTC
From: Mike, KA5DVR
Topic: 321 Message: 321

Hello all,
Somehow the link to the article on the Clipperton Dx Club got
corrupted and does not work. This is for message #320.
The correct link is:

http://www.clipperton2008.org/fo0xa-h.htm

73s
Mike KA5DVR

322. Atlas 350 XL factory brochure and specs

Yahoo group: atlas_radio
Date: 2008-03-13 23:34:35 UTC
From: Mike, KA5DVR
Topic: 322 Message: 322

All,

There is now a four page factory brochure and specs for the Atlas 350 XL in the ADS files on site. I will also load a similar brochure for the 210X/215X radios to the same file location in the future.

323. Negative feedback

Yahoo group: atlas_radio
Date: 2008-03-15 07:34:38 UTC
From: seth_otherpower
Topic: 323 Message: 323

Im looking for info on any one doing negative feed back mods to the PA after changing out the finals (on and atlas radio) .. Im starting to have a terrible feed back problem with my 350XL that has mrf454's installed.

This feedback is also present with a PA block that has the original finals as well ... just not nearly as bad.

This feedback issues is also present when using a dummyload (if any one was wondering)

KC7NOA

Im thinking that what starts the oscilation is a voltage dip when first keyed ....

324. VFO stability

Yahoo group: atlas_radio
Date: 2008-03-18 11:21:57 UTC
From: Miodrag Spajic
Topic: 324 Message: 324

Hi all,

Like very much to use my old 215. The problem is that 215 VFO is not as it used to be. In fact, VFO stability is not something to be proud of!

What to do? I read once that bettering quality of powering VFO will do good, but not sure. I think it was something that changing Zener Diode with 780x (?) will solve problem?

ANY help will be VERY welcome...

73's to you all falks

Misha YU1MW (ex YZ1MW)

325. Wanted Alive not Dead

Yahoo group: atlas_radio
Date: 2008-03-18 11:56:13 UTC
From: kk0dj
Topic: 325 Message: 325

Fellow Atlasonians....hi hi.... I am looking for a later model 350XL (late enough to have the pot and not the switch for on/off) with all display digits working, full power out, remote vfo installed, good to excellent condition both visually and electrically. I will pay a reasonable price. Thanks! 73 KK0DJ (kk0dj@...)

326. RE: [atlas_radio] Wanted Alive not Dead

Yahoo group: atlas_radio
Date: 2008-03-18 22:34:45 UTC
From: MIKE DURKIN
Topic: 325 Message: 326

any luck ...??

KC7NOA

I actually have 2 350XL's .. both exsperiancing hte dreded Amp oscilation ... one is alot worse than the other ... and the good one is catching up(because i use it i guess) . so im determined to find the reason for the nice 200-300W power oscilator .. and make it go away !!!!

KC7NOA

To: atlas_radio@yahoogroups.comFrom: kk0dj@...: Tue, 18 Mar 2008 11:56:13 +0000Subject: [atlas_radio] Wanted Alive not Dead

Fellow Atlasonians....hi hi.... I am looking for a later model 350XL(late enough to have the pot and not the switch for on/off) with alldisplay digits working, full power out, remote vfo installed, good toexcellent condition both visually and electrically. I will pay areasonable price. Thanks! 73 KK0DJ (kk0dj@...)

_____
Helping your favorite cause is as easy as instant messaging. You IM, we give.
http://im.live.com/Messenger/IM/Home/?source=text_hotmail_join

[Non-text portions of this message have been removed]

327. Re: VFO stability

Yahoo group: atlas_radio
Date: 2008-03-31 22:36:01 UTC
From: waward41
Topic: 324 Message: 327

--- In atlas_radio@yahoogroups.com, "Miodrag Spajic" <misasp@...> wrote:
>
> Hi all,
>
> Like very much to use my old 215. The problem is that 215 VFO is not
> as it used to be. In fact, VFO stability is not something to be proud
> of!
>
> What to do? I read once that bettering quality of powering VFO will do
> good, but not sure. I think it was something that changing Zener Diode
> with 780x (?) will solve problem?
>
> ANY help will be VERY welcome...
>
>
> 73's to you all falks
>
> Misha YU1MW (ex YZ1MW)
>

There's a cure for that, help is on the way. My friend Phil K4DPK has
just the thing!

VFO Stabilizer

http://home.comcast.net/~k4dpk/pep_adapter.htm

http://home.comcast.net/~k4dpk/picture%20of%20stab.htm

Good guy, I've known him for over 20 years/

DE N4BLR

328. Re: Negative feedback

Yahoo group: atlas_radio
Date: 2008-03-31 22:59:27 UTC
From: waward41
Topic: 323 Message: 328

--- In atlas_radio@yahoogroups.com, "seth_otherpower" <Patriot121@...>
wrote:
>
> Im looking for info on any one doing negative feed back mods to the PA
> after changing out the finals (on and atlas radio) .. Im starting to
> have a terrible feed back problem with my 350XL that has mrf454's
> installed.
>
> This feedback is also present with a PA block that has the original
> finals as well ... just not nearly as bad.
>
> This feedback issues is also present when using a dummyload (if any one
> was wondering)
>
> KC7NOA
>
> Im thinking that what starts the oscilation is a voltage dip when first

You'll notice that these schematics shows a "feedback" circuit.

http://www.foxdelta.com/products/rfamp/mrf455scematic.jpg

http://www.communication-concepts.com/images/an762.4.jpg

http://www.cqham.ru/projects/100w_hf_qro/hf_qro1.jpg

The feedback keeps the gain consistent across the bands.

> keyed ....
>

330. Re: for sale atlas 350 xlt have 2

Yahoo group: atlas_radio
Date: 2008-04-10 01:03:02 UTC
From: kk0dj
Topic: 329 Message: 330

Please consider them sold. Thanks
KK0DJ

Please call me on 641-780-6282 or email kk0dj@...

--- In atlas_radio@yahoogroups.com, "marksbuffalobills"
<marksbuffalobills@...> wrote:
>
> 10 160 notch ,as is ,was dads he passed do not need them,askin 400.00
> for both transcivers plus one power supply, one power supply sold
> already,
>

331. Re: for sale atlas 350 xlt have 2

Yahoo group: atlas_radio
Date: 2008-04-10 01:03:52 UTC
From: kk0dj
Topic: 329 Message: 331

Please consider tham sold. I will purchase it all. Thank you. Dennis
KK0DJ 641-780-6282 or kk0dj@...

--- In atlas_radio@yahoogroups.com, "marksbuffalobills"
<marksbuffalobills@...> wrote:
>
> 10 160 notch ,as is ,was dads he passed do not need them,askin 400.00
> for both transcivers plus one power supply, one power supply sold
> already,
>

332. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2008-04-21 18:42:18 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 332

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas350XL/Atlas 350 XL Chassis Wiring 4-15-78.pdf
Uploaded by : rvd151a0k0 <rvd151a0k0@...>
Description : Atlas 350 XL Chassis Wiring Diagram 4-15-78

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/Atlas350XL/Atlas%20350%20XL%20Chassis%20Wiring%20%204-15-78.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

rvd151a0k0 <rvd151a0k0@...>

333. Source found for CTC CD2545 P.A. R. F. Transistors

Yahoo group: atlas_radio
Date: 2008-04-28 18:50:38 UTC
From: Mike, KA5DVR
Topic: 333 Message: 333

All,

I have found a surplus source for the CD2545 transistors that will sell retail and has only a $50 minimum. I got an E-Mail quote from them for $30 each. The sales guy's name is Joe. I have not personally bought any from them yet.

Their contact information can be found at the following web address.

http://www.njsemi.com

I talked with Joe. They will take Visa, Mastercard or COD. They do not have any CD 3495 Driver transistors. Best of luck.

73s
Mike
KA5DVR

334. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2008-04-29 23:18:57 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 334

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas350XL/Atlas 350 XL Driver Mod- R.F. Parts.pdf
Uploaded by : rvd151a0k0 <rvd151a0k0@...>
Description : Atlas 350 XL Driver Mod courtesy of R.F. Parts

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/Atlas350XL/Atlas%20350%20XL%20Driver%20Mod
-%20R.F.%20Parts.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

rvd151a0k0 <rvd151a0k0@...>

335. Re: for sale atlas 350 xlt have 2

Yahoo group: atlas_radio
Date: 2008-05-01 02:30:25 UTC
From: seth_otherpower
Topic: 329 Message: 335

--- In atlas_radio@yahoogroups.com, "marksbuffalobills" <marksbuffalobills@...> wrote:
>
> 10 160 notch ,as is ,was dads he passed do not need them,askin 400.00
> for both transcivers plus one power supply, one power supply sold
> already,
>
Did this get finalized??

336. Re: for sale atlas 350 xlt have 2

Yahoo group: atlas_radio
Date: 2008-05-01 12:22:45 UTC
From: kk0dj
Topic: 329 Message: 336

--- In atlas_radio@yahoogroups.com, "seth_otherpower" <Patriot121@...>
wrote:
>
> --- In atlas_radio@yahoogroups.com, "marksbuffalobills"
<marksbuffalobills@> wrote:
> >
> > 10 160 notch ,as is ,was dads he passed do not need them,askin
400.00
> > for both transcivers plus one power supply, one power supply sold
> > already,
> >
> Did this get finalized??
>
...yes it did. However, the rigs were not as described. Neither
receives or transmits. Both power up though. The power supply works as
well. If anyone else ever has a deal with this fellow, please do not
pay until you have seen the goods and tested them. You'll save your
money and aggravation! Thanks
KK0DJ

337. Re: [atlas_radio] Re: for sale atlas 350 xlt have 2

Yahoo group: atlas_radio
Date: 2008-05-01 18:54:06 UTC
From: Mike Williamson
Topic: 329 Message: 337

Dennis,

I have found one place that MIGHT work on the 350s. I have to talk to the tech yet. The outfit fixed my dad's Kenwood 820 and he was delighted. I have looked at their reviews on eham.com and all, but one gave them a 5 out of 5 review. It may take a while to get to your radio back as they are swamped with new radios to fix. They charge $45/ hr which is a good rate. The guy I talked to said I needed to talk to his tech. They work mainly on new and old Kenwoods.

As it turns out, the tech is from Denver, and ran the local HRO here. I know him from the 1990s when he did that. He sold my wife my first 350. Very nice guy.

I will persue, when he returns from lunch. They are Houston Amateur Radio Supply so you would have to ship it. It is a long shot, but might work out. I'll let you know.

I know the local CB/radio repair shop will work on your radio, as they will fix car radios, round top Philcos, anything. I bought one of my 350s from them. They are not cheap.

Mike

kk0dj <kk0dj@...> wrote:
--- In atlas_radio@yahoogroups.com, "seth_otherpower" <Patriot121@...>
wrote:
>
> --- In atlas_radio@yahoogroups.com, "marksbuffalobills"
<marksbuffalobills@> wrote:
> >
> > 10 160 notch ,as is ,was dads he passed do not need them,askin
400.00
> > for both transcivers plus one power supply, one power supply sold
> > already,
> >
> Did this get finalized??
>
...yes it did. However, the rigs were not as described. Neither
receives or transmits. Both power up though. The power supply works as
well. If anyone else ever has a deal with this fellow, please do not
pay until you have seen the goods and tested them. You'll save your
money and aggravation! Thanks
KK0DJ

Be a better friend, newshound, and know-it-all with Yahoo! Mobile. Try it now.

[Non-text portions of this message have been removed]

338. Re: [atlas_radio] Re: for sale atlas 350 xlt have 2

Yahoo group: atlas_radio
Date: 2008-05-02 03:17:01 UTC
From: Jim
Topic: 329 Message: 338

--- kk0dj <kk0dj@...> wrote:

> --- In atlas_radio@yahoogroups.com, "seth_otherpower"
> <Patriot121@...>
> wrote:
> >
> > --- In atlas_radio@yahoogroups.com, "marksbuffalobills"
> <marksbuffalobills@> wrote:
> > >
> > > 10 160 notch ,as is ,was dads he passed do not need them,askin
> 400.00
> > > for both transcivers plus one power supply, one power supply sold
> >
> > > already,
> > >
> > Did this get finalized??
> >
> ...yes it did. However, the rigs were not as described. Neither
> receives or transmits. Both power up though. The power supply works
> as
> well. If anyone else ever has a deal with this fellow, please do not
> pay until you have seen the goods and tested them. You'll save your
> money and aggravation! Thanks
> KK0DJ

I tried buying the rigs, but he (not surprisingly) got cold feet when I
asked for a DOA warranty.

I'd delete him, but truthfully I think it's better to leave him in the
group so that the next time he does something like this, he does a deal
with somebody who will go kick his ass.

Jim N6OTQ

Group owner

PS -- I get messages from yahoo about exiting members. If he turns
tail, I'll tell the group. Meantime, I expect him to make good on this deal.

Be a better friend, newshound, and
know-it-all with Yahoo! Mobile. Try it now.
http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

339. A note from the group owner/moderator

Yahoo group: atlas_radio
Date: 2008-05-17 21:57:22 UTC
From: Jim
Topic: 339 Message: 339

Hi

We love new members here.

We are here to share.

I don't even mind if people post in languages other than English. (I read seven Western languages, so keep it clean, OK?)

In almost every case, full membership to this group is granted automatically. However, if I have a reason to wonder if you are a licensed amateur radio operator interested in Atlas radios, your membership will almost certainly be approved but your privileges to post messages may be moderated.

Your best way to get off of moderated posting? Post an introductory message to the group and mention your call sign. I generally approve folks for full privileges as soon as they do
that.

If for some reason you are an Atlas owner/user but you don't have an amateur license?

Well, send a private message to me at < n6otq at yahoo dot com > and we can talk about it. I really don't care if you have a license, but I'd like to limit the amount of "freebander" chatter on the group. If you sound like a decent and normal person, I'll allow you to post freely. It's more about your radio than where you use it -- where you choose to use it is really none of my business.

Incidentally, if you are reading this, you are already a group member.

If you are wondering about this policy -- recently we've had a few notable abuses in the ham radio groups with people claiming to be something that they turned out not to be. The policy on this group HAS NOT CHANGED A BIT since the start of the group, many years ago. Membership is moderated, and perhaps one new member in 50 has been placed on moderated posting.

SPAM in the group has always been non-existent because of this policy. I intend to keep it that way.

So have fun, post all you want, and if I see something that concerns me I'll mention it in private unless it's so totally over the top that I have to take immediate action. You know what I mean.

We are gentlemen (and gentlewomen) here.

73

Jim N6OTQ

340. Re: [atlas_radio] A note from the group owner/moderator

Yahoo group: atlas_radio
Date: 2008-05-17 23:14:49 UTC
From: Mike WE0H
Topic: 339 Message: 340

Sounds like easy rules to me. Thanks Jim.

Mike
WE0H

Jim wrote:
>
> Hi
>
> We love new members here.
>
> We are here to share.
>
> I don't even mind if people post in languages other than English. (I
> read seven Western
> languages, so keep it clean, OK?)
>
> In almost every case, full membership to this group is granted
> automatically. However, if I
> have a reason to wonder if you are a licensed amateur radio operator
> interested in Atlas
> radios, your membership will almost certainly be approved but your
> privileges to post
> messages may be moderated.
>
> Your best way to get off of moderated posting? Post an introductory
> message to the group
> and mention your call sign. I generally approve folks for full
> privileges as soon as they do
> that.
>
> If for some reason you are an Atlas owner/user but you don't have an
> amateur license?
>
> Well, send a private message to me at < n6otq at yahoo dot com > and
> we can talk
> about it. I really don't care if you have a license, but I'd like to
> limit the amount of
> "freebander" chatter on the group. If you sound like a decent and
> normal person, I'll allow
> you to post freely. It's more about your radio than where you use it
> -- where you choose
> to use it is really none of my business.
>
> Incidentally, if you are reading this, you are already a group member.

>
> If you are wondering about this policy -- recently we've had a few
> notable abuses in the
> ham radio groups with people claiming to be something that they turned
> out not to be.
> The policy on this group HAS NOT CHANGED A BIT since the start of the
> group, many
> years ago. Membership is moderated, and perhaps one new member in 50
> has been
> placed on moderated posting.
>
> SPAM in the group has always been non-existent because of this policy.
> I intend to keep
> it that way.
>
> So have fun, post all you want, and if I see something that concerns
> me I'll mention it in
> private unless it's so totally over the top that I have to take
> immediate action. You know
> what I mean.
>
> We are gentlemen (and gentlewomen) here.
>
> 73
>
> Jim N6OTQ
>

341. Re: [atlas_radio] A note from the group owner/moderator

Yahoo group: atlas_radio
Date: 2008-05-17 23:29:41 UTC
From: Jim
Topic: 339 Message: 341

--- Mike WE0H <we0h@...> wrote:

> Sounds like easy rules to me. Thanks Jim.

Mike, you're welcome.

And for everybody, just be yourself.

Jim the mod / N6OTQ

342. Moving 10 meters down to 28.3

Yahoo group: atlas_radio
Date: 2008-05-18 14:48:36 UTC
From: johnhutchinsusa
Topic: 342 Message: 342

Searched and found a post by Jim N6OTQ that indicated the rig could be moved a good bit before running into problems.
I'd like to shift mine down to 28.3-28.8.
Any pitfalls you know of?

Tnx es 73,
John WB4NNY

343. Re: [atlas_radio] Moving 10 meters down to 28.3

Yahoo group: atlas_radio
Date: 2008-05-18 15:33:07 UTC
From: Jim
Topic: 342 Message: 343

Only that you have to adjust the oscillator slug through a hole in the top of the tuning dial, and you might have to adjust three or four times to get it close enough to match the dial numbering to be happy. And the tuning dial is notorious for the plastic being very brittle, so any time you get near it with a screwdriver, you have to be very careful.

And you ought to have a digital read-out so you remember where you're at, in case you have any sub-band restrictions on your license or any voluntary mode plans in your area.

Other than that, it's straightforward and you won't need to touch any of the other tuned circuits besides the 10M LO.

All radios should be this easy to move bands.

Jim N6OTQ

--- johnhutchinsusa <johnhutchinsusa@...> wrote:

> Searched and found a post by Jim N6OTQ that indicated the rig could
> be
> moved a good bit before running into problems.
> I'd like to shift mine down to 28.3-28.8.
> Any pitfalls you know of?
>
>
> Tnx es 73,
> John WB4NNY
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>
>

344. RE: [atlas_radio] Moving 10 meters down to 28.3

Yahoo group: atlas_radio
Date: 2008-05-18 16:33:01 UTC
From: MIKE DURKIN
Topic: 342 Message: 344

Iv missed withch Atlats you have .. but i would think that it already covers 28.00-28.5 and more ..

> To: atlas_radio@yahoogroups.com
> From: johnhutchinsusa@...
> Date: Sun, 18 May 2008 14:48:36 +0000
> Subject: [atlas_radio] Moving 10 meters down to 28.3
>
>
> Searched and found a post by Jim N6OTQ that indicated the rig could be
> moved a good bit before running into problems.
> I'd like to shift mine down to 28.3-28.8.
> Any pitfalls you know of?
>
> Tnx es 73,
> John WB4NNY
>
>
>
> Messages in this topic

Keep your kids safer online with Windows Live Family Safety.
http://www.windowslive.com/family_safety/overview.html?ocid=TXT_TAGLM_WL_Refresh_family_safety_052008

345. New to Group

Yahoo group: atlas_radio
Date: 2008-05-18 16:47:56 UTC
From: gerdgj
Topic: 345 Message: 345

Hello, my name is Gerd, WA7DDT. I enjoy my Atlas 210, have repaired it several times. I will enjoy participating in discussions about these radios.

346. RE: [atlas_radio] Moving 10 meters down to 28.3

Yahoo group: atlas_radio
Date: 2008-05-18 16:54:52 UTC
From: Jim
Topic: 342 Message: 346

--- MIKE DURKIN <Patriot121@...> wrote:

>
> Iv missed withch Atlats you have .. but i would think that it already
> covers 28.00-28.5 and more ..

In general, but with a few oddball exceptions, the Atlas radios with 10 meters (except the 350) covered a 500 kHz slice of 10 meters. The variations on where the factory-set subband was appeared to be chosen by country of destination.

It's not really germane to the discussion, but sufficient to say that the 10M LO allowed a remarkable excursion from the factory-set frequency.

Jim N6OTQ

347. RE: [atlas_radio] Moving 10 meters down to 28.3

Yahoo group: atlas_radio
Date: 2008-05-18 20:35:18 UTC
From: MIKE DURKIN
Topic: 342 Message: 347

And thats what i have .... 2 350XL's .. and an older 180 .... ;)

To: atlas_radio@yahoogroups.comFrom: n6otq@...: Sun, 18 May 2008 09:54:52 -0700Subject: RE: [atlas_radio] Moving 10 meters down to 28.3

--- MIKE DURKIN <Patriot121@...> wrote:> > Iv missed withch Atlats you have .. but i would think that it already> covers 28.00-28.5 and more ..In general, but with a few oddball exceptions, the Atlas radios with 10meters (except the 350) covered a 500 kHz slice of 10 meters. Thevariations on where the factory-set subband was appeared to be chosenby country of destination. It's not really germane to the discussion, but sufficient to say thatthe 10M LO allowed a remarkable excursion from the factory-setfrequency.Jim N6OTQ

_____
E-mail for the greater good. Join the i?m Initiative from Microsoft.
http://im.live.com/Messenger/IM/Join/Default.aspx?source=EML_WL_ GreaterGood

[Non-text portions of this message have been removed]

348. RE: [atlas_radio] Moving 10 meters down to 28.3

Yahoo group: atlas_radio
Date: 2008-05-18 21:10:00 UTC
From: Jim
Topic: 342 Message: 348

I've only got hands-on experience with the 210/215.

Both the 180 and the 350 should be similar enough in fundamental design to the 210 that you can figure it out with a couple of screwdrivers and a frequency counter.

I was able to pull my 210X down to ... well, I won't say, and that's part of why I said earlier that the frequency range was not germane to the discussion. Suffice to say that I got a radio check.

If you use the external crystal switch, you can essentially put an Atlas 210/215 anywhere within its entire range of coverage, 80 - 10 or 160 - 15. Performance outside of the ham bands is degraded, of course, but it's mostly receive performance that suffers.

Jim N6OTQ

--- MIKE DURKIN <Patriot121@...> wrote:

>
> And thats what i have .... 2 350XL's .. and an older 180 .... ;)

349. Re: Moving 10 meters down to 28.3

Yahoo group: atlas_radio
Date: 2008-05-20 03:14:17 UTC
From: johnhutchinsusa
Topic: 342 Message: 349

--- In atlas_radio@yahoogroups.com, Jim <n6otq@...> wrote:
>
> I've only got hands-on experience with the 210/215.
>
)
>
Thanks Jim,

I should have mentioned its a 210.
Sounds like there is tons of leeway.

73,
John WB4NNY

350. Letting go of my atlas 215X

Yahoo group: atlas_radio
Date: 2008-05-28 02:08:38 UTC
From: hagoodcd
Topic: 350 Message: 350

I have decided to sell my Atlas 215X set up, it includes the atlas digital accessory, mobile mount and base station/power source slide in,I am asking $300 for all of it if any of you all are interested. Ask any questions you have I would like to give it a good home :)

351. Tuning tool

Yahoo group: atlas_radio
Date: 2008-06-19 00:27:54 UTC
From: Jim Potts
Topic: 351 Message: 351

Any tips on a tuning tool to be used to tune the trimmer caps on a 900B board ? The layout on that board from an adjustment point of view is simply diabolical. I've tried pliers and small scissors but can't access the bottom trimmers on the 900A board.
It's my first "A" model (characterized by a white S meter) and I am surprised at the differences between the models. I've previously only restored later models. The A model VFO also seems to drift more than the later ones.

Was talking to my bro about its lack of output, and he suggested that it might have been modded for QRP. He was right, the previous owner had put 5591's in the o/p stage. Easy fix.
TIA
Cheers
Jim
VK4BBG

352. VFO Tuning Knob

Yahoo group: atlas_radio
Date: 2008-06-19 22:02:16 UTC
From: kq4uv
Topic: 352 Message: 352

Hi!!.. I'm trying to locate the VFO Tuning knob for my 210x I have a cheap plastic on it now, And seeing that it was the only rig that survived being flooded by hurricane Wilma that I have, I'm going to fix her up ..and yes I did drain ALL the water out of it

THX Rick KQ4UV

353. VFO Tuning Knob

Yahoo group: atlas_radio
Date: 2008-06-19 22:02:37 UTC
From: kq4uv
Topic: 352 Message: 353

Hi!!.. I'm trying to locate the VFO Tuning knob for my 210x I have a cheap plastic on it now, And seeing that it was the only rig that survived being flooded by hurricane Wilma that I have, I'm going to fix her up ..and yes I did drain ALL the water out of it

THX Rick KQ4UV

354. Atlas 210x no transmit

Yahoo group: atlas_radio
Date: 2008-07-07 02:46:13 UTC
From: wb2aze
Topic: 354 Message: 354

Hi, does anyone know who would repair an Atlas 210x these days. I have one that does not transmit anymore.

73's Dave

355. RE: [atlas_radio] Atlas 210x no transmit

Yahoo group: atlas_radio
Date: 2008-07-07 03:58:59 UTC
From: MIKE DURKIN
Topic: 354 Message: 355

Im sure there are a few that might help over the net.. iv repaired a few in the past .. the only atlas to give me issues on the repair was the 350XL ..
KC7NOA

> To: atlas_radio@...m
> From: wb2aze@...
> Date: Mon, 7 Jul 2008 02:46:13 +0000
> Subject: [atlas_radio] Atlas 210x no transmit
>
>
> Hi, does anyone know who would repair an Atlas 210x these days. I
> have one that does not transmit anymore.
>
> 73's Dave
>
>
>

Need to know now? Get instant answers with Windows Live Messenger.
http://www.windowslive.com/messenger/connect_your_way.html?ocid=TXT_TAGLM_WL_messenger_072008

356. Callsign Change

Yahoo group: atlas_radio
Date: 2008-07-13 06:58:22 UTC
From: Harry
Topic: 356 Message: 356

K5HML is no more.

Friday morning (11 July 08) the FCC granted me the callsign W5HW.

Actually, after 52 years having the same call, I feel like I've legally changed my name.

It's gonna take a while migrating all my ham files from K5HML accounts and groups to get everything consolidated under the new call.

Hmmm... now I have to get new call letter license plates on my cars, too, to replace the Texas Radio Operator K5HML ones.

Harry Winship - W5HW
Ex- F7HW, DL4HW

215X, 220CS w/VOX, 206 VFO, DD-6B/C

357. Re:Callsign Change

Yahoo group: atlas_radio
Date: 2008-07-14 04:51:03 UTC
From: Miodrag Spajic
Topic: 356 Message: 357

Hi Harry, try to feel like a NEW man, I think it is more optimistic, HI..

I have changed recently YZ1MW to YU1MW (was forced to do so, not so happy abt it) and feelings were same. I felt like I've changed may second name, HI.

Many DX with new call Harry.

73 de Misha, YU1MW

[Non-text portions of this message have been removed]

358. Re: [atlas_radio] Re:Callsign Change

Yahoo group: atlas_radio
Date: 2008-07-14 05:03:40 UTC
From: W5HW
Topic: 356 Message: 358

Thank you, Misha.
It's going to take getting used to.
The past couple of days, I catch myself automatically
responding with "Kilowatt Five High Medium Low"
just out of habit.
Have to practice more with "Whiskey Five Hot Water".

Sorry about you having to change your call.
After so long it becomes a part of your identity.
Hope to meet you on the air one of these days.

73,

Harry Winship - W5HW - San Antonio
Ex- F7HW (France)
Ex- DL4HW (Germany)
Ex- AE1HW (Army MARS in Germany)
Ex- K5HML (the great Republic of Texas)

----- Original Message -----
From: Miodrag Spajic
To: atlas_radio@yahoogroups.com
Sent: Sunday, July 13, 2008 11:51 PM
Subject: [atlas_radio] Re:Callsign Change

Hi Harry, try to feel like a NEW man, I think it is more optimistic, HI..

I have changed recently YZ1MW to YU1MW (was forced to do so, not so happy abt it) and feelings were same. I felt like I've changed may second name, HI.

Many DX with new call Harry.

73 de Misha, YU1MW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

359. Sick 180

Yahoo group: atlas_radio
Date: 2008-07-22 13:37:30 UTC
From: Eric
Topic: 359 Message: 359

I am trying to get the 180 back on CW. It works on all bands on SSB (about 50 watts output as measured on a Bird into a dummy load-is this normal?). Can anyone offer some advice? Also, The copy of the manual I have shows PC-100 having 22 contacts, while the actual radio has 15 contacts on the board?!? Also, it has the Braille dial. early serial #. Please Help.

Thanks,
73's
Eric
WA2RKJ

360. Re: [atlas_radio] Sick 180

Yahoo group: atlas_radio
Date: 2008-07-22 22:32:45 UTC
From: Jim
Topic: 359 Message: 360

Hi Eric, the PC100 board does have 22 contacts. Some may be hidden under cables or connected to earths on the chassis.

Cheers
Jim
VK4BBG
----- Original Message -----
From: Eric
To: atlas_radio@yahoogroups.com
Sent: Tuesday, July 22, 2008 11:37 PM
Subject: [atlas_radio] Sick 180

I am trying to get the 180 back on CW. It works on all bands on SSB (about 50 watts output as measured on a Bird into a dummy load-is this normal?). Can anyone offer some advice? Also, The copy of the manual I have shows PC-100 having 22 contacts, while the actual radio has 15 contacts on the board?!? Also, it has the Braille dial. early serial #. Please Help.

Thanks,
73's
Eric
WA2RKJ

--
I am using the free version of SPAMfighter for private users.
It has removed 1219 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

361. Atlas 210?

Yahoo group: atlas_radio
Date: 2008-07-31 13:36:55 UTC
From: Paul Mateer
Topic: 361 Message: 361

Hello all....
I am about to become a proud owner of an Atlas 210. What is the difference between the 210 and the 210x? I understanded there is a difference in the vfo section (3 stages as opposed to 2) but what else?

73 es thx de Paul, AA9GG

362. Atlas 350XLs - Two - selling - neither of them work

Yahoo group: atlas_radio
Date: 2008-07-31 13:49:54 UTC
From: kk0dj
Topic: 362 Message: 362

Hey Atlas afficianados... you may recall that earlier this year I was burned by a fellow Iowan when I purchased two Atlas 350XLs only to find once I got home that though they both turn on and light up fine, neither of them will receive properly or transmit. One of the rigs has the 305 second vfo installed, one doesn't. They are both of later vintage and have the pot for the power/on-off. Other than the problems mentioned, they seem to be fine. I have those and two 350XL power supplies as well. Both power supplies operate just fine. Physical condition is good - not excellent. You wouldn't be ashamed to have them in your shack though. Both rigs' displays are fine as well. I just don't have the time to repair them myself nor do I presently have the funds to repair them. I will sell all or part. I also have a schematic (full) and a manual (copy) in a binder. Please make reasonable offers if you're interested. Thanks!

73
Dennis
KK0DJ
Pella, Iowa

363. Re: [atlas_radio] Atlas 350XLs - Two - selling - neither of them work

Yahoo group: atlas_radio
Date: 2008-07-31 14:41:41 UTC
From: Jerry Harley
Topic: 362 Message: 363

both receive but no transmit, is that correct? What are you thinking?
I may be interested in one. Jerry

365. G4FPH: Newbie on here

Yahoo group: atlas_radio
Date: 2008-08-04 13:30:31 UTC
From: Mark Hill
Topic: 365 Message: 365

Hi everyone!

Didn't realise there was another Atlas group on Yahoo. Anyway, here I am (thanks Moderator)!

I have a modest collection of Atlas mobiles - a 210x and two 215x - and think these radio are great. They remind me of simpler times and better band conditions in amateur radio. I obtained my licence in 1976, age 15, and remember the Atlas as a 'small object of desire' from my early years.

I look forward to getting the drift of what's happening here over the next weeks and months. If I can help with any info, let me know. I have accumulated a fair amount of info on Atlas over the years, including a data sheet on that peculiar driver transistor. I have in the past contributed a design for a PIC (16F84) based digital dial / huff and puff stabiliser to the other group (details in their files section).

The web site of my good friend Dave, G3YXM, is worth a look too in case you have not already found it: http://www.wireless.org.uk/atlas/

Regards from the UK.

Mark.

****
Mark Hill - G4FPH
E-mail: g4fph@...
Current web pages at: www.g4fph.net
Old web pages at: www.qsl.net/g4fph

Dipoles resonant on 1940 / 3685 kHz

Remember - SIDE for HV safety:
S witch off
I solate
D ump
E arth
****

366. Re: [atlas_radio] G4FPH: Newbie on here

Yahoo group: atlas_radio
Date: 2008-08-04 15:07:40 UTC
From: Mike WE0H
Topic: 365 Message: 366

Hey Mark,

Are you also running 2200 & 600 meters?

Mike
WE0H

Mark Hill wrote:
>
> Hi everyone!
>
> Didn't realise there was another Atlas group on Yahoo. Anyway, here I am
> (thanks Moderator)!
>
> I have a modest collection of Atlas mobiles - a 210x and two 215x - and
> think these radio are great. They remind me of simpler times and better
> band conditions in amateur radio. I obtained my licence in 1976, age 15,
> and remember the Atlas as a 'small object of desire' from my early years.
>
> I look forward to getting the drift of what's happening here over the next
> weeks and months. If I can help with any info, let me know. I have
> accumulated a fair amount of info on Atlas over the years, including a
> data
> sheet on that peculiar driver transistor. I have in the past contributed a
> design for a PIC (16F84) based digital dial / huff and puff stabiliser to
> the other group (details in their files section).
>
> The web site of my good friend Dave, G3YXM, is worth a look too in
> case you
> have not already found it: http://www.wireless.org.uk/atlas/
> <http://www.wireless.org.uk/atlas/>
>
> Regards from the UK.
>
> Mark.
>
> **
> Mark Hill - G4FPH
> E-mail: g4fph@... <mailto:g4fph%40mjha.co.uk>
> Current web pages at: www.g4fph.net
> Old web pages at: www.qsl.net/g4fph
> --
> Dipoles resonant on 1940 / 3685 kHz
> --
> Remember - SIDE for HV safety:
> S witch off

> I solate
> D ump
> E arth
> **
>

367. Re: Atlas 210?

Yahoo group: atlas_radio
Date: 2008-08-04 19:13:46 UTC
From: Paul Mateer
Topic: 361 Message: 367

--- In atlas_radio@yahoogroups.com, "Paul Mateer" <paul.aa9gg@...> wrote:
>
> Hello all....
> I am about to become a proud owner of an Atlas 210. What is the
> difference between the 210 and the 210x? I understanded there is a
> difference in the vfo section (3 stages as opposed to 2) but what else?
>
> 73 es thx de Paul, AA9GG
>

....and how about a source for a schematic?

368. Re: [atlas_radio] Re: Atlas 210?

Yahoo group: atlas_radio
Date: 2008-08-04 21:10:58 UTC
From: N9JCQ@aol.com
Topic: 361 Message: 368

I believe there is a schematic in the manual...

-----Original Message-----
From: Paul Mateer <paul.aa9gg@...>
To: atlas_radio@yahoogroups.com
Sent: Mon, 4 Aug 2008 2:13 pm
Subject: [atlas_radio] Re: Atlas 210?

--- In atlas_radio@yahoogroups.com, "Paul Mateer" <paul.aa9gg@...>
wrote:
>
> Hello all....
> I am about to become a proud owner of an Atlas 210. What is the
> difference between the 210 and the 210x? I understanded there is a
> difference in the vfo section (3 stages as opposed to 2) but what
else?
>
> 73 es thx de Paul, AA9GG
>

....and how about a source for a schematic?

369. Re: Atlas 210?

Yahoo group: atlas_radio
Date: 2008-08-04 23:55:29 UTC
From: Harry
Topic: 361 Message: 369

Look in the Files section of the group.
There are manuals with schematics in there.

Harry, W5HW

--- In atlas_radio@yahoogroups.com, "Paul Mateer" <paul.aa9gg@...>
wrote:
>
> --- In atlas_radio@yahoogroups.com, "Paul Mateer" <paul.aa9gg@> wrote:
> >
> > Hello all....
> > I am about to become a proud owner of an Atlas 210. What is the
> > difference between the 210 and the 210x? I understanded there is a
> > difference in the vfo section (3 stages as opposed to 2) but what
else?
> >
> > 73 es thx de Paul, AA9GG
> >
>
> ....and how about a source for a schematic?
>

370. RE: [atlas_radio] G4FPH: Newbie on here

Yahoo group: atlas_radio
Date: 2008-08-05 08:02:10 UTC
From: Mark Hill
Topic: 365 Message: 370

Mike,

Thanks for the mail. No, sadly, I am not active on LF, but probably should be!

Regards.

Mark.

-----Original Message-----
From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com] On Behalf Of Mike WE0H
Sent: 04 August 2008 16:08
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] G4FPH: Newbie on here

Hey Mark,

Are you also running 2200 & 600 meters?

Mike
WE0H

Mark Hill wrote:
>
> Hi everyone!
>
> Didn't realise there was another Atlas group on Yahoo. Anyway, here I am
> (thanks Moderator)!
>
> I have a modest collection of Atlas mobiles - a 210x and two 215x - and
> think these radio are great. They remind me of simpler times and better
> band conditions in amateur radio. I obtained my licence in 1976, age 15,
> and remember the Atlas as a 'small object of desire' from my early years.
>
> I look forward to getting the drift of what's happening here over the next
> weeks and months. If I can help with any info, let me know. I have
> accumulated a fair amount of info on Atlas over the years, including a
> data
> sheet on that peculiar driver transistor. I have in the past contributed a
> design for a PIC (16F84) based digital dial / huff and puff stabiliser to
> the other group (details in their files section).
>
> The web site of my good friend Dave, G3YXM, is worth a look too in
> case you
> have not already found it: http://www.wireless.org.uk/atlas/
> <http://www.wireless.org.uk/atlas/>

>
> Regards from the UK.
>
> Mark.
>
> **
> Mark Hill - G4FPH
> E-mail: g4fph@... <mailto:g4fph%40mjha.co.uk>
> Current web pages at: www.g4fph.net
> Old web pages at: www.qsl.net/g4fph
> --
> Dipoles resonant on 1940 / 3685 kHz
> --
> Remember - SIDE for HV safety:
> S witch off
> I solate
> D ump
> E arth
> **
>

Yahoo! Groups Links

371. Re: [atlas_radio] G4FPH: Newbie on here

Yahoo group: atlas_radio
Date: 2008-08-05 08:43:59 UTC
From: Jim
Topic: 365 Message: 371

Hi Mark, just trying to build a quick digi readout for a 210X at the moment. Was using the EA2BQH design, but found it a bit difficult to follow...couldn't get any LCD to work...your design looks much "easier".
I wondered why I was making such heavy weather of it all until I realized that both the PIC and the LCD weren't invented when I learned electronics :)))

Cheers
Jim
VK4BBG
----- Original Message -----
From: Mark Hill
To: atlas_radio@yahoogroups.com
Sent: Tuesday, August 05, 2008 6:02 PM
Subject: RE: [atlas_radio] G4FPH: Newbie on here

--
I am using the free version of SPAMfighter for private users.
It has removed 1225 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

372. RE: [atlas_radio] G4FPH: Newbie on here / huff and puffs

Yahoo group: atlas_radio
Date: 2008-08-05 09:14:47 UTC
From: Mark Hill
Topic: 365 Message: 372

Jim,

Thanks for the mail.

I like the LCD that EA2BQH used in his design and the way in which it can be fitted inside the Atlas without butchery. I designed my digital dial / huff and puff with a view to it being an external unit that could be plugged in, or not, as the occasion demanded. Nothing should stop it being fitted internally though.

My design works out which band the Atlas is on by inspection of the VFO frequency, so there's no switches to fiddle, or wires to add for that. I did not bother to add a switch for the user to tell the digital dial when the radio was switched to 'OPP' sideband, so the counter will be in error by 3 kHz or so under that condition. (I have never used 'OPP' in anger!)

One issue I did encounter with the huff and puff was with it unlocking when going between TX and RX on the Atlas. I believe this was caused by loading (leading to minor frequency) changes on the VFO as it was being switched internally between the two mixers. The wideband buffer amp. that I incorporated into the design resolved this.

The version of code I posted to the 'Files' section on other group was cut for Atlas mobiles with the (earlier) 5520 kHz IF. If you or anyone else decides to build one, and has a radio with the (later) 5645 kHz IF, I'll get my calculator out and produce a version of the code for that. The original code should suffice for testing on radio with the later IF, the display will be 125 kHz out though.

Regards.

Mark.

-----Original Message-----
From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com] On Behalf Of Jim
Sent: 05 August 2008 09:44
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] G4FPH: Newbie on here

Hi Mark, just trying to build a quick digi readout for a 210X at the moment. Was using the EA2BQH design, but found it a bit difficult to follow...couldn't get any LCD to work...your design looks much "easier". I wondered why I was making such heavy weather of it all until I realized that both the PIC and the LCD weren't invented when I learned electronics :)))

Cheers
Jim
VK4BBG
----- Original Message -----
From: Mark Hill
To: atlas_radio@yahoogroups.com
Sent: Tuesday, August 05, 2008 6:02 PM
Subject: RE: [atlas_radio] G4FPH: Newbie on here

--
I am using the free version of SPAMfighter for private users.
It has removed 1225 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

Yahoo! Groups Links

373. Re: [atlas_radio] G4FPH: Newbie on here / huff and puffs

Yahoo group: atlas_radio
Date: 2008-08-05 09:34:56 UTC
From: Jim
Topic: 365 Message: 373

Mark, many thanks for the update. I've found an LCD that will fit...not sure exactly how to mount it yet as it has a ribbon lead that I can't find a connector for ...yet...so all the initial work has been done with the larger LCD.
I'd better go and see if I can re do the rats nest and re program the 84. Appreciate your tips by the way.

The radios themselves are certainly a DIY dream compared to the ones with mouse droppings as components :))(SMD:)
Cheers
Jim
----- Original Message -----
From: Mark Hill
To: atlas_radio@yahoogroups.com
Sent: Tuesday, August 05, 2008 7:14 PM
Subject: RE: [atlas_radio] G4FPH: Newbie on here / huff and puffs

Jim,

Thanks for the mail.

I like the LCD that EA2BQH used in his design and the way in which it can be fitted inside the Atlas without butchery. I designed my digital dial / huff and puff with a view to it being an external unit that could be plugged in, or not, as the occasion demanded. Nothing should stop it being fitted internally though.

My design works out which band the Atlas is on by inspection of the VFO frequency, so there's no switches to fiddle, or wires to add for that. I did not bother to add a switch for the user to tell the digital dial when the radio was switched to 'OPP' sideband, so the counter will be in error by 3 kHz or so under that condition. (I have never used 'OPP' in anger!)

One issue I did encounter with the huff and puff was with it unlocking when going between TX and RX on the Atlas. I believe this was caused by loading (leading to minor frequency) changes on the VFO as it was being switched internally between the two mixers. The wideband buffer amp. that I incorporated into the design resolved this.

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Regards.

Mark.

-----Original Message-----
From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com] On
Behalf Of Jim
Sent: 05 August 2008 09:44
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] G4FPH: Newbie on here

Hi Mark, just trying to build a quick digi readout for a 210X at the moment.
Was using the EA2BQH design, but found it a bit difficult to
follow...couldn't get any LCD to work...your design looks much "easier".
I wondered why I was making such heavy weather of it all until I realized
that both the PIC and the LCD weren't invented when I learned electronics
:)))

Cheers
Jim
VK4BBG
----- Original Message -----
From: Mark Hill
To: atlas_radio@yahoogroups.com
Sent: Tuesday, August 05, 2008 6:02 PM
Subject: RE: [atlas_radio] G4FPH: Newbie on here

--
I am using the free version of SPAMfighter for private users.
It has removed 1225 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

Yahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.138 / Virus Database: 270.5.12/1592 - Release Date: 8/5/2008 6:03 AM

--
I am using the free version of SPAMfighter for private users.
It has removed 1225 spam emails to date.
Paying users do not have this message in their emails.
Get the free SPAMfighter here: http://www.spamfighter.com/len

[Non-text portions of this message have been removed]

374. Re: Atlas 210?

Yahoo group: atlas_radio
Date: 2008-08-05 13:20:51 UTC
From: Paul Mateer
Topic: 361 Message: 374

There is one for the 210x but not the 210.
--- In atlas_radio@yahoogroups.com, "Harry" <W5HW@...> wrote:
>
> Look in the Files section of the group.
> There are manuals with schematics in there.
>
> Harry, W5HW
>
>
> --- In atlas_radio@yahoogroups.com, "Paul Mateer" <paul.aa9gg@>
> wrote:
> >
> > --- In atlas_radio@yahoogroups.com, "Paul Mateer" <paul.aa9gg@> wrote:
> > >
> > > Hello all....
> > > I am about to become a proud owner of an Atlas 210. What is the
> > > difference between the 210 and the 210x? I understanded there is a
> > > difference in the vfo section (3 stages as opposed to 2) but what
> else?
> > >
> > > 73 es thx de Paul, AA9GG
> > >
> >
> > ....and how about a source for a schematic?
> >
>

375. Re: Atlas 210?

Yahoo group: atlas_radio
Date: 2008-08-05 13:28:28 UTC
From: Paul Mateer
Topic: 361 Message: 375

Did you say you have the manual for it Joe?
--- In atlas_radio@yahoogroups.com, N9JCQ@... wrote:
>
> I believe there is a schematic in the manual...
>
>
> -----Original Message-----
> From: Paul Mateer <paul.aa9gg@...>
> To: atlas_radio@yahoogroups.com
> Sent: Mon, 4 Aug 2008 2:13 pm
> Subject: [atlas_radio] Re: Atlas 210?
>
>
>
>
>
>
> --- In atlas_radio@yahoogroups.com, "Paul Mateer" <paul.aa9gg@>
> wrote:
> >
> > Hello all....
> > I am about to become a proud owner of an Atlas 210. What is the
> > difference between the 210 and the 210x? I understanded there is a
> > difference in the vfo section (3 stages as opposed to 2) but what
> else?
> >
> > 73 es thx de Paul, AA9GG
> >
>
> ....and how about a source for a schematic?
>

376. Re: [atlas_radio] Re: Atlas 210?

Yahoo group: atlas_radio
Date: 2008-08-05 14:12:32 UTC
From: N9JCQ@aol.com
Topic: 361 Message: 376

Paul I am almost certian I have the manual for you and will deliver it with the radio. O have to see if it is indeed for a 210 or a 210X. I may also have copies in my files too. I owe you some shots of the power supply. You'll seem them direct tomorrow.

-----Original Message-----
From: Paul Mateer <paul.aa9gg@...>
To: atlas_radio@yahoogroups.com
Sent: Tue, 5 Aug 2008 8:28 am
Subject: [atlas_radio] Re: Atlas 210?

Did you say you have the manual for it Joe?
--- In atlas_radio@yahoogroups.com, N9JCQ@... wrote:
>
> I believe there is a schematic in the manual...
>
>
> -----Original Message-----
> From: Paul Mateer <paul.aa9gg@...>
> To: atlas_radio@yahoogroups.com
> Sent: Mon, 4 Aug 2008 2:13 pm
> Subject: [atlas_radio] Re: Atlas 210?
>
>
>
>
>
>
> --- In atlas_radio@yahoogroups.com, "Paul Mateer" <paul.aa9gg@>
> wrote:
> >
> > Hello all....
> > I am about to become a proud owner of an Atlas 210. What is the
> > difference between the 210 and the 210x? I understanded there is a
> > difference in the vfo section (3 stages as opposed to 2) but what
> else?
> >
> > 73 es thx de Paul, AA9GG
> >
>
> ....and how about a source for a schematic?
>

377. Re: Atlas 210?

Yahoo group: atlas_radio
Date: 2008-08-05 14:20:19 UTC
From: Paul Mateer
Topic: 361 Message: 377

Not a problem Joe. Can't wait to get the radio :)
--- In atlas_radio@yahoogroups.com, N9JCQ@... wrote:
>
> Paul I am almost certian I have the manual for you and will deliver it
> with the radio. O have to see if it is indeed for a 210 or a 210X. I
> may also have copies in my files too. I owe you some shots of the power
> supply. You'll seem them direct tomorrow.
>
>
> -----Original Message-----
> From: Paul Mateer <paul.aa9gg@...>
> To: atlas_radio@yahoogroups.com
> Sent: Tue, 5 Aug 2008 8:28 am
> Subject: [atlas_radio] Re: Atlas 210?
>
>
>
>
>
>
>
> Did you say you have the manual for it Joe?
> --- In atlas_radio@yahoogroups.com, N9JCQ@ wrote:
> >
> > I believe there is a schematic in the manual...
> >
> >
> > -----Original Message-----
> > From: Paul Mateer <paul.aa9gg@>
> > To: atlas_radio@yahoogroups.com
> > Sent: Mon, 4 Aug 2008 2:13 pm
> > Subject: [atlas_radio] Re: Atlas 210?
> >
> >
> >
> >
> >
> >
> > --- In atlas_radio@yahoogroups.com, "Paul Mateer" <paul.aa9gg@>
> > wrote:
> > >
> > > Hello all....
> > > I am about to become a proud owner of an Atlas 210. What is the
> > > difference between the 210 and the 210x? I understanded there is a
> > > difference in the vfo section (3 stages as opposed to 2) but what
> > else?

> > >
> > > 73 es thx de Paul, AA9GG
> > >
> >
> > ....and how about a source for a schematic?
> >
>

378. 350PS blown

Yahoo group: atlas_radio
Date: 2008-08-10 21:48:46 UTC
From: seth_otherpower
Topic: 378 Message: 378

Im wondering if anyone knows of a replacement pcb for the regulator board of a 350PS, the ca3085 has died on mine and was wondering if there were more up to date pcb to swap it out with??

KC7NOA

379. Re: 350PS blown

Yahoo group: atlas_radio
Date: 2008-08-11 16:13:47 UTC
From: Paul Mateer
Topic: 378 Message: 379

You can find a CA3085 at http://www.4starelectronics.com/
....but what made it blow?!?!

--- In atlas_radio@yahoogroups.com, "seth_otherpower" <Patriot121@...>
wrote:
>
> Im wondering if anyone knows of a replacement pcb for the regulator
board of a 350PS, the
> ca3085 has died on mine and was wondering if there were more up to
date pcb to swap it
> out with??
>
> KC7NOA
>

381. 350 xl audio thump

Yahoo group: atlas_radio
Date: 2008-08-19 21:07:15 UTC
From: Jerry
Topic: 381 Message: 381

The audio pops when the key or mike is released. Anyone got a fix ?
Jerry

382. Re: [atlas_radio] 350 xl audio thump

Yahoo group: atlas_radio
Date: 2008-08-19 21:31:11 UTC
From: Paul Mateer
Topic: 381 Message: 382

explain "pops" .....thumps?

On Tue, Aug 19, 2008 at 4:07 PM, Jerry <jerryind@...> wrote:

> The audio pops when the key or mike is released. Anyone got a fix ?
> Jerry
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com

[Non-text portions of this message have been removed]

383. Re: 350 xl audio thump

Yahoo group: atlas_radio
Date: 2008-08-19 22:48:47 UTC
From: Jerry
Topic: 381 Message: 383

Hi Paul the audio has a loud thump coming out of xmt. Seems like a dc shift problem in the audio??? Jerry

--- In atlas_radio@yahoogroups.com, "Paul Mateer" <paul.aa9gg@...> wrote:
>
> explain "pops" .....thumps?
>
> On Tue, Aug 19, 2008 at 4:07 PM, Jerry <jerryind@...> wrote:
>
> > The audio pops when the key or mike is released. Anyone got a fix ?
> > Jerry
> >
> >
> >
>
>
>
> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com
>
>
> [Non-text portions of this message have been removed]
>

384. Re: [atlas_radio] Re: 350 xl audio thump

Yahoo group: atlas_radio
Date: 2008-08-20 15:10:42 UTC
From: Paul Mateer
Topic: 381 Message: 384

I found this on-line:

But the Atlas 350XL suffered from an enormous number of problems.
Major problem zones, just to name a few, were the receiver AGC and the
transmitter ALC, which weren't properly included into the T/R switching,
causing loud bumps each time the PTT switch or the CW key was released

.....could be in the AGC section

On Tue, Aug 19, 2008 at 5:48 PM, Jerry <jerryind@...> wrote:

> Hi Paul the audio has a loud thump coming out of xmt. Seems like a dc
> shift problem in the audio??? Jerry
>
> --- In atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>, "Paul
> Mateer" <paul.aa9gg@...> wrote:
> >
> > explain "pops" .....thumps?
> >
> > On Tue, Aug 19, 2008 at 4:07 PM, Jerry <jerryind@...> wrote:
> >
> > > The audio pops when the key or mike is released. Anyone got a fix ?
> > > Jerry
> > >
> > >
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> > >
> > > --
> > > Paul Mateer, AA9GG
> > > Elan Engineering Corp.
> > > www.elanengr.com
> > >
> > >
> > > [Non-text portions of this message have been removed]
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--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com

[Non-text portions of this message have been removed]

385. Re: [atlas_radio] Re: 350 xl audio thump

Yahoo group: atlas_radio
Date: 2008-08-21 18:10:07 UTC
From: Mike Williamson
Topic: 381 Message: 385

Paul,

I have an earlier model and later model 350 XL. The thump you hear is the RX mute being a bit slow to do its job, I am guessing. Both of these units will output a thump in the audio when releasing the mic button primarily when the transmitter is set with the TX pot too high and the TX is in a very low or partial distorted mode. I have not investigated this specifically, but it seems to occur mostly after the distortion point is reached with the advance of the TX pot. Both units are very sensitive to drive level set by the TX pot rotation, especially the earlier model. Although they both will occassionally thump the audio below the distortion threshold, it primarily occurs above this TX drive level. I don't have a fix for this, but it is annoying.

73s
Mike
KA5DVR

--- On Wed, 8/20/08, Paul Mateer <paul.aa9gg@...> wrote:

From: Paul Mateer <paul.aa9gg@gmail.com>
Subject: Re: [atlas_radio] Re: 350 xl audio thump
To: atlas_radio@yahoogroups.com
Date: Wednesday, August 20, 2008, 9:10 AM

I found this on-line:

But the Atlas 350XL suffered from an enormous number of problems.
Major problem zones, just to name a few, were the receiver AGC and the
transmitter ALC, which weren't properly included into the T/R switching,
causing loud bumps each time the PTT switch or the CW key was released

.....could be in the AGC section

On Tue, Aug 19, 2008 at 5:48 PM, Jerry <jerryind@sbcglobal. net> wrote:

> Hi Paul the audio has a loud thump coming out of xmt. Seems like a dc
> shift problem in the audio??? Jerry
>
> --- In atlas_radio@ yahoogroups. com <atlas_radio% 40yahoogroups. com>, "Paul
> Mateer" <paul.aa9gg@ ...> wrote:
> >
> > explain "pops" .....thumps?
> >
> > On Tue, Aug 19, 2008 at 4:07 PM, Jerry <jerryind@.. .> wrote:
> >
> > > The audio pops when the key or mike is released. Anyone got a fix ?
> > > Jerry
> > >

> > >
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> >
> > --
> > Paul Mateer, AA9GG
> > Elan Engineering Corp.
> > www.elanengr. com
> >
> >
> > [Non-text portions of this message have been removed]
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>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr. com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

386. Re: [atlas_radio] Re: 350 xl audio thump

Yahoo group: atlas_radio
Date: 2008-08-21 18:27:35 UTC
From: Paul Mateer
Topic: 381 Message: 386

I did find a mod to improve the AGC:
http://wireless.org.uk/atlas/bulletin5_agc.gif

On Thu, Aug 21, 2008 at 1:10 PM, Mike Williamson <rvd151a0k0@...>wrote:

> Paul,
>
> I have an earlier model and later model 350 XL. The thump you hear is the
> RX mute being a bit slow to do its job, I am guessing. Both of these units
> will output a thump in the audio when releasing the mic button primarily
> when the transmitter is set with the TX pot too high and the TX is in a very
> low or partial distorted mode. I have not investigated this specifically,
> but it seems to occur mostly after the distortion point is reached with the
> advance of the TX pot. Both units are very sensitive to drive level set by
> the TX pot rotation, especially the earlier model. Although they both will
> occassionally thump the audio below the distortion threshold, it primarily
> occurs above this TX drive level. I don't have a fix for this, but it is
> annoying.
>
> 73s
> Mike
> KA5DVR
>
> --- On Wed, 8/20/08, Paul Mateer <paul.aa9gg@...<paul.aa9gg%40gmail.com>>
> wrote:
>
> From: Paul Mateer <paul.aa9gg@... <paul.aa9gg%40gmail.com>>
> Subject: Re: [atlas_radio] Re: 350 xl audio thump
> To: atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>
> Date: Wednesday, August 20, 2008, 9:10 AM
>
>
> I found this on-line:
>
> But the Atlas 350XL suffered from an enormous number of problems.
> Major problem zones, just to name a few, were the receiver AGC and the
> transmitter ALC, which weren't properly included into the T/R switching,
> causing loud bumps each time the PTT switch or the CW key was released
>
> .....could be in the AGC section
>
> On Tue, Aug 19, 2008 at 5:48 PM, Jerry <jerryind@sbcglobal. net> wrote:
>
> > Hi Paul the audio has a loud thump coming out of xmt. Seems like a dc
> > shift problem in the audio??? Jerry

> >
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> "Paul
> > Mateer" <paul.aa9gg@ ...> wrote:
> > >
> > > explain "pops" .....thumps?
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> > > Paul Mateer, AA9GG
> > > Elan Engineering Corp.
> > > www.elanengr. com
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
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> >
> > --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr. com
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com

[Non-text portions of this message have been removed]

387. 350xl on cw

Yahoo group: atlas_radio
Date: 2008-09-11 01:08:08 UTC
From: Jerry
Topic: 387 Message: 387

I must have a older unit, on cw the vox doesnt work so no semi break in, the manual says need to contact factory if older unit will not work on semi break in. Does anyone know about this mod or information ?
Jerry w9pb...

388. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2008-09-11 14:07:40 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 388

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 350XL Mod with MRF433.pdf
Uploaded by : aa9gg <paul.aa9gg@...>
Description : Atlas 350xl P.A. Mod for MRF433s (with notes from Herb Johnson)

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/Atlas%20350XL%20Mod%20with%20MRF433.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.htmlfiles

Regards,

aa9gg <paul.aa9gg@...>

389. Bandswitch

Yahoo group: atlas_radio
Date: 2008-10-06 08:27:46 UTC
From: Jim Potts
Topic: 389 Message: 389

In the OTHER Atlas group I posted
"Hi. Can anyone provide me with the source of the bandswitch for this transceiver please? Even one of the wafers would be helpful."

Well there were no takers.
In fact that's 2 questions I have asked there with the same result...zilch. Looked around it seems that most of the switches I have access to are too large for the Atlas...at least in most junkboxes :))

Now I think I have found the right size switch and a manufacturer at http://www.electro-nc.com/rotaryus/d6.pdf

Would anyone care to comment ?
Cheers
Jim
VK4BBG

390. Re: 3X350XL for Sale

Yahoo group: atlas_radio
Date: 2008-10-06 11:46:05 UTC
From: mikehagans@aol.com
Topic: 390 Message: 390

Hello Group....I have decided to sell my Atlas stuff...I have 3 Atlas 350XLs, one AC Power supply and one DC mobile bracket kit....2 of the 350s are the late models, one has the auxillary VFO...Have manuals and brochures....The older unit needs a driver transistor, the 2 newer ones work somewhat....All will need tinkering..Prefer not to split up package...$450.00 plus shipping or you pick up in NE Alabama....Mike W4ZGI 256-601-6029

New MapQuest Local shows what's happening at your destination. Dining, Movies, Events, News & more. Try it out!
(http://local.mapquest.com/?ncid=emlcntnew00000001)

[Non-text portions of this message have been removed]

391. Re: [atlas_radio] Bandswitch

Yahoo group: atlas_radio
Date: 2008-10-06 13:40:13 UTC
From: Mike WE0H
Topic: 389 Message: 391

Hi Jim,

Looks like a good switch. Rebuildable and current manufacturer. If the detents and size fit the radio, I'd say order one and get the rig going again.

Mike
WE0H

Jim Potts wrote:
>
> In the OTHER Atlas group I posted
> "Hi. Can anyone provide me with the source of the bandswitch for this
> transceiver please? Even one of the wafers would be helpful."
>
> Well there were no takers.
> In fact that's 2 questions I have asked there with the same
> result...zilch. Looked around it seems that most of the switches I have
> access to are too large for the Atlas...at least in most junkboxes :))
>
> Now I think I have found the right size switch and a manufacturer at
> http://www.electro-nc.com/rotaryus/d6.pdf
> <http://www.electro-nc.com/rotaryus/d6.pdf>
>
> Would anyone care to comment ?
> Cheers
> Jim
> VK4BBG
>

392. Re: [atlas_radio] Bandswitch

Yahoo group: atlas_radio
Date: 2008-10-07 06:22:03 UTC
From: Jim
Topic: 389 Message: 392

Thanks Mike, appreciate the reply and comments. Its looking good, I see one on EBay but it's ceramic...hmm..might be a bonus .LOL
Cheers
Jim
VK4BBG
----- Original Message -----
From: Mike WE0H
To: atlas_radio@yahoogroups.com
Sent: Monday, October 06, 2008 11:40 PM
Subject: Re: [atlas_radio] Bandswitch

Hi Jim,

Looks like a good switch. Rebuildable and current manufacturer. If the detents and size fit the radio, I'd say order one and get the rig going again.

Mike
WE0H

Jim Potts wrote:
>
> In the OTHER Atlas group I posted
> "Hi. Can anyone provide me with the source of the bandswitch for this
> transceiver please? Even one of the wafers would be helpful."
>
> Well there were no takers.
> In fact that's 2 questions I have asked there with the same
> result...zilch. Looked around it seems that most of the switches I have
> access to are too large for the Atlas...at least in most junkboxes :))
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> Now I think I have found the right size switch and a manufacturer at
> http://www.electro-nc.com/rotaryus/d6.pdf
> <http://www.electro-nc.com/rotaryus/d6.pdf>
>
> Would anyone care to comment ?
> Cheers
> Jim
> VK4BBG
>

No virus found in this incoming message.
Checked by AVG - http://www.avg.com
Version: 8.0.173 / Virus Database: 270.7.6/1709 - Release Date: 10/5/2008 9:20 AM

--
I am using the free version of SPAMfighter for Personal use.
SPAMfighter has removed 1297 of my spam emails to date.
Get the free SPAMfighter here: http://www.spamfighter.com/len

The Trial and Professional version does not have this message in the email

[Non-text portions of this message have been removed]

393. Re: [atlas_radio] Bandswitch

Yahoo group: atlas_radio
Date: 2008-10-07 06:44:15 UTC
From: Mike WE0H
Topic: 389 Message: 393

Yea you'll get her fixed. With any old radio it is just a matter of finding a part that will fit & work like the original part.
You will likely make it a better longer lasting radio. hi hi...It's fun to repair old radio's & bring them back to a new life.
Cheers,
Mike
WE0H

Jim wrote:
>
> Thanks Mike, appreciate the reply and comments. Its looking good, I
> see one on EBay but it's ceramic...hmm..might be a bonus .LOL
> Cheers
> Jim
> VK4BBG
>

394. Re: [atlas_radio] Bandswitch

Yahoo group: atlas_radio
Date: 2008-10-07 07:24:29 UTC
From: Jim
Topic: 389 Message: 394

Mike, I've brought a few Atlas radios back to life, I think this is number 5. Three are still in my possession. This is a 215 and has had a very hard life, but it will go back into service when it's finished.
The one thing I like about the early Atlas is that many are different in terms of boards etc and are an experimenters dream. I am constantly finding out new things about them, especially the PA and driver replacements.
I might alsdo add that parts for them can cost a pretty penny on this side of the pond.
Mind you I lust for one of the later ones, warts and all.
Cheers
Jim

--
I am using the free version of SPAMfighter for Personal use.
SPAMfighter has removed 1297 of my spam emails to date.
Get the free SPAMfighter here: http://www.spamfighter.com/len

The Trial and Professional version does not have this message in the email

[Non-text portions of this message have been removed]

395. Aux. Connector?

Yahoo group: atlas_radio
Date: 2008-10-20 15:32:06 UTC
From: Paul Mateer
Topic: 395 Message: 395

Hi All....
Does anyone have a line on a mating connector for the Aux. Socket of the
210?

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com

[Non-text portions of this message have been removed]

396. Re: [atlas_radio] Aux. Connector?

Yahoo group: atlas_radio
Date: 2008-10-20 17:37:41 UTC
From: Jim
Topic: 395 Message: 396

If it helps, the pin pattern/spacing is the same as a 9-pin miniature vacuum tube. The last time I needed a plug to fit the AUX jack, I had to make it with some pins stripped out of an old RS-232 connector and some epoxy, using a surplus 9-pin tube socket as a form.

Cutting apart a 9-pin tube MIGHT work, but it would be an exercise in frustration. You might be able to find a surplus relay or defunct crystal oven/oscillator that would be easier to chop up. I also did that one time.

The actual 9-pin connector does exist, and it's simply a matter of finding one nowadays. No, the part number from your 1967 Lafayette catalog probably isn't any good any more ....

Jim N6OTQ

--- On Mon, 10/20/08, Paul Mateer <paul.aa9gg@...> wrote:

> Hi All....
> Does anyone have a line on a mating connector for the Aux.
> Socket of the
> 210?

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

397. Re: [atlas_radio] Aux. Connector?

Yahoo group: atlas_radio
Date: 2008-10-20 19:24:27 UTC
From: Mike WE0H
Topic: 395 Message: 397

I suppose a guy could make a wooden or other material jig to hold
homebrew solid copper wire pins with the wire harness already soldered
to the pins, then take that and mold a connector out of gel epoxy
leaving the soldered ends of the pins out of the epoxy for future work
if needed. Something like that anyhow...hi hi

Mike
WE0H

Jim wrote:
>
> If it helps, the pin pattern/spacing is the same as a 9-pin miniature
> vacuum tube. The last time I needed a plug to fit the AUX jack, I had
> to make it with some pins stripped out of an old RS-232 connector and
> some epoxy, using a surplus 9-pin tube socket as a form.
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> Cutting apart a 9-pin tube MIGHT work, but it would be an exercise in
> frustration. You might be able to find a surplus relay or defunct
> crystal oven/oscillator that would be easier to chop up. I also did
> that one time.
>
> The actual 9-pin connector does exist, and it's simply a matter of
> finding one nowadays. No, the part number from your 1967 Lafayette
> catalog probably isn't any good any more ....
>
> Jim N6OTQ
>
> --- On Mon, 10/20/08, Paul Mateer <paul.aa9gg
> <mailto:paul.aa9gg%40gmail.com>> wrote:
>
> > Hi All....
> > Does anyone have a line on a mating connector for the Aux.
> > Socket of the
> > 210?
>

398. Re: [atlas_radio] Aux. Connector?

Yahoo group: atlas_radio
Date: 2008-10-20 21:33:08 UTC
From: Jerry Spears
Topic: 395 Message: 398

Paul I have one will send if a address is ok in QRZ, I have made them out of a piece of pcboard using paper clips for the pins worked good, however the one I am sending is a commerical plug.....Jerry W9pb

--- On Mon, 10/20/08, Paul Mateer <paul.aa9gg@...> wrote:
From: Paul Mateer <paul.aa9gg@...>
Subject: [atlas_radio] Aux. Connector?
To: atlas_radio@yahoogroups.com
Date: Monday, October 20, 2008, 11:32 AM

Hi All....

Does anyone have a line on a mating connector for the Aux. Socket of the

210?

--

Paul Mateer, AA9GG

Elan Engineering Corp.

www.elanengr. com

[Non-text portions of this message have been removed]

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399. Re: [atlas_radio] Aux. Connector?

Yahoo group: atlas_radio
Date: 2008-10-20 21:41:31 UTC
From: Paul Mateer
Topic: 395 Message: 399

Hi Jerry...
Yes, QRZ address is good. Thank you so much. I'm working on a digital dial interface, which also includes an SWR meter based on the ALC. Maybe even S-meter stuff. Will keep you all informed.

73 es thx agn

On Mon, Oct 20, 2008 at 4:33 PM, Jerry Spears <jerryind@...>wrote:

> Paul I have one will send if a address is ok in QRZ, I have made them
> out of a piece of pcboard using paper clips for the pins worked good,
> however the one I am sending is a commerical plug.....Jerry W9pb
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> --- On Mon, 10/20/08, Paul Mateer <paul.aa9gg@...<paul.aa9gg%40gmail.com>>
> wrote:
> From: Paul Mateer <paul.aa9gg@... <paul.aa9gg%40gmail.com>>
> Subject: [atlas_radio] Aux. Connector?
> To: atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>
> Date: Monday, October 20, 2008, 11:32 AM
>
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>
> Paul Mateer, AA9GG
>
> Elan Engineering Corp.
>
> www.elanengr. com
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Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com

[Non-text portions of this message have been removed]

400. Re: [atlas_radio] Aux. Connector?

Yahoo group: atlas_radio
Date: 2008-10-27 21:22:08 UTC
From: Paul Mateer
Topic: 395 Message: 400

Hi Jerry....
Just a quick note to let you know the connector arrived without incident.
Thanks again.

On Mon, Oct 20, 2008 at 4:41 PM, Paul Mateer <paul.aa9gg@...> wrote:

> Hi Jerry...
> Yes, QRZ address is good. Thank you so much. I'm working on a digital
> dial interface, which also includes an SWR meter based on the ALC. Maybe
> even S-meter stuff. Will keep you all informed.
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> 73 es thx agn
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> On Mon, Oct 20, 2008 at 4:33 PM, Jerry Spears <jerryind@...>wrote:
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>> Paul I have one will send if a address is ok in QRZ, I have made them
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>> however the one I am sending is a commerical plug.....Jerry W9pb
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>> --- On Mon, 10/20/08, Paul Mateer <paul.aa9gg@...<paul.aa9gg%40gmail.com>>
>> wrote:
>> From: Paul Mateer <paul.aa9gg@... <paul.aa9gg%40gmail.com>>
>> Subject: [atlas_radio] Aux. Connector?
>> To: atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>
>> Date: Monday, October 20, 2008, 11:32 AM
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>>
>> Paul Mateer, AA9GG
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>> Elan Engineering Corp.
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>> www.elanengr. com
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> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com
>

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Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com

[Non-text portions of this message have been removed]

401. Re: [atlas_radio] Aux. Connector?

Yahoo group: atlas_radio
Date: 2008-10-27 21:44:33 UTC
From: N9JCQ@aol.com
Topic: 395 Message: 401

Paul, how is that 210 working for you? Did you ever find a replacement display? Joe, N9JCQ

-----Original Message-----
From: Paul Mateer <paul.aa9gg@...>
To: atlas_radio@yahoogroups.com
Sent: Mon, 27 Oct 2008 4:22 pm
Subject: Re: [atlas_radio] Aux. Connector?

Hi Jerry....
Just a quick note to let you know the connector arrived without incident.
Thanks again.

On Mon, Oct 20, 2008 at 4:41 PM, Paul Mateer <paul.aa9gg@...> wrote:

> Hi Jerry...
> Yes, QRZ address is good. Thank you so much. I'm working on a digital
> dial interface, which also includes an SWR meter based on the ALC. Maybe
> even S-meter stuff. Will keep you all informed.
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> On Mon, Oct 20, 2008 at 4:33 PM, Jerry Spears <jerryind@...>wrote:
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>> Paul I have one will send if a address is ok in QRZ, I have made them
>> out of a piece of pcboard using paper clips for the pins worked good,
>> however the one I am sending is a commerical plug.....Jerry W9pb
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>> --- On Mon, 10/20/08, Paul Mateer <paul.aa9gg@...<paul.aa9gg%40gmail.com>>
>> wrote:
>> From: Paul Mateer <paul.aa9gg@... <paul.aa9gg%40gmail.com>>
>> Subject: [atlas_radio] Aux. Connector?
>> To: atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>
>> Date: Monday, October 20, 2008, 11:32 AM
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>> 210?
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>> Paul Mateer, AA9GG
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>> Elan Engineering Corp.
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>> www.elanengr. com
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> Elan Engineering Corp.
> www.elanengr.com
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com

[Non-text portions of this message have been removed]

402. Re: [atlas_radio] Aux. Connector?

Yahoo group: atlas_radio
Date: 2008-10-28 14:29:40 UTC
From: Paul Mateer
Topic: 395 Message: 402

Hi Joe....
The 210 is working great! I still have the cracked drum dial in it and haven't replaced/repaired it yet, but it still grips and turns ok. I made my 1st contact with it on 40 meters SSB to Virginia. I loaded into about 20ft of magnet wire stung up in my apartment! I think the power out was about 25 watts. I LOVE this radio!!!!

I'm building my own digital dial for it based on an Atmel Mega32. Planning to add a few other feature too, like SWR and other S-meter stuff. I'll keep you all infomed.

How's the BC-611? Did you get it fired up?

On Mon, Oct 27, 2008 at 4:44 PM, <N9JCQ@...> wrote:

> Paul, how is that 210 working for you? Did you ever find a replacement
> display? Joe, N9JCQ
>
>
> -----Original Message-----
> From: Paul Mateer <paul.aa9gg@... <paul.aa9gg%40gmail.com>>
> To: atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>
> Sent: Mon, 27 Oct 2008 4:22 pm
> Subject: Re: [atlas_radio] Aux. Connector?
>
> Hi Jerry....
> Just a quick note to let you know the connector arrived without
> incident.
> Thanks again.
>
> On Mon, Oct 20, 2008 at 4:41 PM, Paul Mateer <paul.aa9gg@...<paul.aa9gg%40gmail.com>>
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> wrote:
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> > even S-meter stuff. Will keep you all informed.
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> > 73 es thx agn
> > >
> > >
> > On Mon, Oct 20, 2008 at 4:33 PM, Jerry Spears
> <jerryind@... <jerryind%40sbcglobal.net>>wrote:
> > >

> >> Paul I have one will send if a address is ok in QRZ, I have made them
> >> out of a piece of pcboard using paper clips for the pins worked good,
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> >>
> >> --- On Mon, 10/20/08, Paul Mateer
> <paul.aa9gg@... <paul.aa9gg%40gmail.com><paul.aa9gg%40gmail.com>>
> >> wrote:
> >> From: Paul Mateer <paul.aa9gg@... <paul.aa9gg%40gmail.com><paul.aa9gg%
> 40gmail.com>>
> >> Subject: [atlas_radio] Aux. Connector?
> >> To: atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com><atlas_radio%
> 40yahoogroups.com>
> >> Date: Monday, October 20, 2008, 11:32 AM
> >>
> >>
> >> Hi All....
> >>
> >> Does anyone have a line on a mating connector for the Aux. Socket of
> the
> >>
> >> 210?
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> >> --
> >>
> >> Paul Mateer, AA9GG
> >>
> >> Elan Engineering Corp.
> >>
> >> www.elanengr. com
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> >> [Non-text portions of this message have been removed]
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> >> [Non-text portions of this message have been removed]
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> > Paul Mateer, AA9GG
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> [Non-text portions of this message have been removed]
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Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com

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403. Re: [atlas_radio] Aux. Connector?

Yahoo group: atlas_radio
Date: 2008-10-28 15:45:03 UTC
From: Jerry Spears
Topic: 395 Message: 403

Paul I used a small hose clamp around the broken dial plastic and it worked fine....Jerry

--- On Tue, 10/28/08, Paul Mateer <paul.aa9gg@...> wrote:
From: Paul Mateer <paul.aa9gg@...>
Subject: Re: [atlas_radio] Aux. Connector?
To: atlas_radio@yahoogroups.com
Date: Tuesday, October 28, 2008, 10:29 AM

Hi Joe....

The 210 is working great! I still have the cracked drum dial in it and

haven't replaced/repaired it yet, but it still grips and turns ok. I made

my 1st contact with it on 40 meters SSB to Virginia. I loaded into about

20ft of magnet wire stung up in my apartment! I think the power out was

about 25 watts. I LOVE this radio!!!!

I'm building my own digital dial for it based on an Atmel Mega32. Planning

to add a few other feature too, like SWR and other S-meter stuff. I'll keep

you all infomed.

How's the BC-611? Did you get it fired up?

On Mon, Oct 27, 2008 at 4:44 PM, <N9JCQ@...> wrote:

> Paul, how is that 210 working for you? Did you ever find a replacement

> display? Joe, N9JCQ

>

>

> -----Original Message-----

> From: Paul Mateer <paul.aa9gg@gmail. com <paul.aa9gg% 40gmail.com> >

> To: atlas_radio@ yahoogroups. com <atlas_radio% 40yahoogroups. com>

> Sent: Mon, 27 Oct 2008 4:22 pm

> Subject: Re: [atlas_radio] Aux. Connector?

>

> Hi Jerry....

> Just a quick note to let you know the connector arrived without

> incident.

> Thanks again.

>

> On Mon, Oct 20, 2008 at 4:41 PM, Paul Mateer <paul.aa9gg@gmail. com<paul.aa9gg%
40gmail.com> >

>

> wrote:

>

> > Hi Jerry...

> > Yes, QRZ address is good. Thank you so much. I'm working on a digital

> > dial interface, which also includes an SWR meter based on the ALC.

> Maybe

> > even S-meter stuff. Will keep you all informed.

> >

> > 73 es thx agn

> >

> >

> > On Mon, Oct 20, 2008 at 4:33 PM, Jerry Spears

> <jerryind@sbcglobal. net <jerryind%40sbcglob al.net>>wrote:

> >

> >> Paul I have one will send if a address is ok in QRZ, I have made them

> >> out of a piece of pcboard using paper clips for the pins worked good,

> >> however the one I am sending is a commerical plug.....Jerry W9pb

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> >> --- On Mon, 10/20/08, Paul Mateer

> <paul.aa9gg@gmail. com <paul.aa9gg% 40gmail.com> <paul.aa9gg% 40gmail.com> >

> >> wrote:

> >> From: Paul Mateer <paul.aa9gg@gmail. com <paul.aa9gg% 40gmail.com> <paul.aa9gg%

> 40gmail.com> >

> >> Subject: [atlas_radio] Aux. Connector?

> >> To: atlas_radio@ yahoogroups. com <atlas_radio% 40yahoogroups. com><atlas_ radio%

> 40yahoogroups. com>

> >> Date: Monday, October 20, 2008, 11:32 AM

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> >> Paul Mateer, AA9GG

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> >> Elan Engineering Corp.

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> >> www.elanengr. com

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Paul Mateer, AA9GG

Elan Engineering Corp.

www.elanengr. com

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[Non-text portions of this message have been removed]

404. Re: [atlas_radio] Aux. Connector?

Yahoo group: atlas_radio
Date: 2008-10-28 15:58:00 UTC
From: Paul Mateer
Topic: 395 Message: 404

I thought about that too. There is a small piece broken off right where the set screw goes, so I have about 75-80% of it left and get a semi-snug fit. It tracks ok with the tuning knob, so I'm not to worried about it right now. When I find the time, I'm going to re-build it using epoxy and re-drill the holes.

On Tue, Oct 28, 2008 at 10:45 AM, Jerry Spears <jerryind@...>wrote:

> Paul I used a small hose clamp around the broken dial plastic and it
> worked fine....Jerry
>
>
> --- On Tue, 10/28/08, Paul Mateer <paul.aa9gg@...<paul.aa9gg%40gmail.com>>
> wrote:
> From: Paul Mateer <paul.aa9gg@... <paul.aa9gg%40gmail.com>>
> Subject: Re: [atlas_radio] Aux. Connector?
> To: atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>
> Date: Tuesday, October 28, 2008, 10:29 AM
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> Hi Joe....
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> The 210 is working great! I still have the cracked drum dial in it and
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> haven't replaced/repaired it yet, but it still grips and turns ok. I made
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> I'm building my own digital dial for it based on an Atmel Mega32. Planning
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> you all infomed.
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> How's the BC-611? Did you get it fired up?
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> On Mon, Oct 27, 2008 at 4:44 PM, <N9JCQ@... <N9JCQ%40aol.com>> wrote:
>
> > Paul, how is that 210 working for you? Did you ever find a replacement
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> > display? Joe, N9JCQ
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>
> > -----Original Message-----
>
> > From: Paul Mateer <paul.aa9gg@gmail. com <paul.aa9gg% 40gmail.com> >
>
> > To: atlas_radio@ yahoogroups. com <atlas_radio% 40yahoogroups. com>
>
> > Sent: Mon, 27 Oct 2008 4:22 pm
>
> > Subject: Re: [atlas_radio] Aux. Connector?
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> > >> wrote:
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> > >> From: Paul Mateer <paul.aa9gg@gmail. com <paul.aa9gg% 40gmail.com>
> <paul.aa9gg%
>
> > 40gmail.com> >
>
> > >> Subject: [atlas_radio] Aux. Connector?
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> > >> To: atlas_radio@ yahoogroups. com <atlas_radio% 40yahoogroups.
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Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com

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405. Re: [atlas_radio] Aux. Connector?

Yahoo group: atlas_radio
Date: 2008-10-28 20:37:43 UTC
From: N9JCQ@aol.com
Topic: 395 Message: 405

hi Paul. I am so glad you are enjoying the 210. I love the 210/215 radios. I think they were way ahead of their time. Obviously, that radio is capable of about 100 watts out on 40M. You need to put a dummy load on it and see what it really can do. I always had good reports from my old 210. Have fun with it and let me know what other contacts you make. 40M is my favorite band.
The 610 sat in my closet and I finally sold it to a guy who was drooling to get one. I am going to concentrat on getting some more wire up in the sky and working on a Hallicrafters HT-37 that I have laying around here.
Take care!
Joe

--- On Tue, 10/28/08, Paul Mateer <paul.aa9gg@...> wrote:
From: Paul Mateer <paul.aa9gg@...>
Subject: Re: [atlas_radio] Aux. Connector?
To: atlas_radio@yahoogroups.com
Date: Tuesday, October 28, 2008, 10:29 AM

Hi Joe....

The 210 is working great! I still have the cracked drum dial in it and

haven't replaced/repaired it yet, but it still grips and turns ok. I made

my 1st contact with it on 40 meters SSB to Virginia. I loaded into about

20ft of magnet wire stung up in my apartment! I think the power out was

about 25 watts. I LOVE this radio!!!!

I'm building my own digital dial for it based on an Atmel Mega32. Planning

to add a few other feature too, like SWR and other S-meter stuff. I'll keep

you all infomed.

How's the BC-611? Did you get it fired up?

On Mon, Oct 27, 2008 at 4:44 PM, <N9JCQ@...> wrote:

> Paul, how is that 210 working for you? Did you ever find a replacement

> display? Joe, N9JCQ

>

>

> -----Original Message-----

> From: Paul Mateer <paul.aa9gg@gmail. com <paul.aa9gg% 40gmail.com> >

> To: atlas_radio@ yahoogroups. com <atlas_radio% 40yahoogroups. com>

> Sent: Mon, 27 Oct 2008 4:22 pm

> Subject: Re: [atlas_radio] Aux. Connector?

>

> Hi Jerry....

> Just a quick note to let you know the connector arrived without

> incident.

> Thanks again.

>

> On Mon, Oct 20, 2008 at 4:41 PM, Paul Mateer <paul.aa9gg@gmail.
com<paul.aa9gg% 40gmail.com> >

>

> wrote:

>

> > Hi Jerry...

> > Yes, QRZ address is good. Thank you so much. I'm working on a
digital

> > dial interface, which also includes an SWR meter based on the ALC.

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> > even S-meter stuff. Will keep you all informed.

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> > 73 es thx agn

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> > On Mon, Oct 20, 2008 at 4:33 PM, Jerry Spears

> <jerryind@sbcglobal. net <jerryind%40sbcglob al.net>>wrote:

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> >> Paul I have one will send if a address is ok in QRZ, I have made
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> >> --- On Mon, 10/20/08, Paul Mateer

> <paul.aa9gg@gmail. com <paul.aa9gg% 40gmail.com> <paul.aa9gg%
40gmail.com> >

> >> wrote:

> >> From: Paul Mateer <paul.aa9gg@gmail. com <paul.aa9gg% 40gmail.com>
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> 40gmail.com> >

> >> Subject: [atlas_radio] Aux. Connector?

> >> To: atlas_radio@ yahoogroups. com <atlas_radio% 40yahoogroups.
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> >> Elan Engineering Corp.

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> >> www.elanengr. com

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Paul Mateer, AA9GG

Elan Engineering Corp.

www.elanengr. com

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406. Re: [atlas_radio] Aux. Connector?

Yahoo group: atlas_radio
Date: 2008-10-28 20:39:29 UTC
From: N9JCQ@aol.com
Topic: 395 Message: 406

That plastic is awfully brittle, Paul. I don't think it will tolerate drilling. the clamp idea is a great one.

-----Original Message-----
From: Paul Mateer <paul.aa9gg@...>
To: atlas_radio@yahoogroups.com
Sent: Tue, 28 Oct 2008 10:58 am
Subject: Re: [atlas_radio] Aux. Connector?

I thought about that too. There is a small piece broken off right where the
set screw goes, so I have about 75-80% of it left and get a semi-snug fit.
It tracks ok with the tuning knob, so I'm not to worried about it right now. When I find the time, I'm going to re-build it using epoxy and re-drill the holes.

On Tue, Oct 28, 2008 at 10:45 AM, Jerry Spears <jerryind@...>wrote:

> Paul I used a small hose clamp around the broken dial plastic and it
> worked fine....Jerry
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> --- On Tue, 10/28/08, Paul Mateer <paul.aa9gg@...<paul.aa9gg%40gmail.com>>
> wrote:
> From: Paul Mateer <paul.aa9gg@... <paul.aa9gg%40gmail.com>>
> Subject: Re: [atlas_radio] Aux. Connector?
> To: atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>
> Date: Tuesday, October 28, 2008, 10:29 AM
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> Hi Joe....
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> The 210 is working great! I still have the cracked drum dial in it and
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> > To: atlas_radio@ yahoogroups. com <atlas_radio% 40yahoogroups. com>
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407. Re: [atlas_radio] Aux. Connector?

Yahoo group: atlas_radio
Date: 2008-10-28 20:39:45 UTC
From: N9JCQ@aol.com
Topic: 395 Message: 407

That plastic is awfully brittle, Paul. I don't think it will tolerate drilling. the clamp idea is a great one.

-----Original Message-----
From: Paul Mateer <paul.aa9gg@...>
To: atlas_radio@yahoogroups.com
Sent: Tue, 28 Oct 2008 10:58 am
Subject: Re: [atlas_radio] Aux. Connector?

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> --- On Tue, 10/28/08, Paul Mateer <paul.aa9gg@...<paul.aa9gg%40gmail.com>>
> wrote:
> From: Paul Mateer <paul.aa9gg@... <paul.aa9gg%40gmail.com>>
> Subject: Re: [atlas_radio] Aux. Connector?
> To: atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>
> Date: Tuesday, October 28, 2008, 10:29 AM
>
> Hi Joe....
>
> The 210 is working great! I still have the cracked drum dial in it and
>
> haven't replaced/repaired it yet, but it still grips and turns ok. I made
>
> my 1st contact with it on 40 meters SSB to Virginia. I loaded into about
>
> 20ft of magnet wire stung up in my apartment! I think the power out was
>
> about 25 watts. I LOVE this radio!!!!

>
> I'm building my own digital dial for it based on an Atmel Mega32.
Planning
>
> to add a few other feature too, like SWR and other S-meter stuff.
I'll keep
>
> you all infomed.
>
> How's the BC-611? Did you get it fired up?
>
> On Mon, Oct 27, 2008 at 4:44 PM, <N9JCQ@... <N9JCQ%40aol.com>>
wrote:
>
> > Paul, how is that 210 working for you? Did you ever find a
replacement
>
> > display? Joe, N9JCQ
>
> >
>
> >
>
> > -----Original Message-----
>
> > From: Paul Mateer <paul.aa9gg@gmail. com <paul.aa9gg% 40gmail.com> >
>
> > To: atlas_radio@ yahoogroups. com <atlas_radio% 40yahoogroups. com>
>
> > Sent: Mon, 27 Oct 2008 4:22 pm
>
> > Subject: Re: [atlas_radio] Aux. Connector?
>
> >
>
> > Hi Jerry....
>
> > Just a quick note to let you know the connector arrived without
>
> > incident.
>
> > Thanks again.
>
> >
>
> > On Mon, Oct 20, 2008 at 4:41 PM, Paul Mateer
<paul.aa9gg@...<paul.aa9gg%
> 40gmail.com> >
>
> >

>
> > wrote:
>
> >
>
> > > Hi Jerry...
>
> > > Yes, QRZ address is good. Thank you so much. I'm working on a
digital
>
> > > dial interface, which also includes an SWR meter based on the ALC.
>
> > Maybe
>
> > > even S-meter stuff. Will keep you all informed.
>
> > >
>
> > > 73 es thx agn
>
> > >
>
> > >
>
> > > On Mon, Oct 20, 2008 at 4:33 PM, Jerry Spears
>
> > <jerryind@sbcglobal. net <jerryind%40sbcglob al.net>>wrote:
>
> > >
>
> > >> Paul I have one will send if a address is ok in QRZ, I have made
them
>
> > >> out of a piece of pcboard using paper clips for the pins worked
good,
>
> > >> however the one I am sending is a commerical plug.....Jerry W9pb
>
> > >>
>
> > >> --- On Mon, 10/20/08, Paul Mateer
>
> > <paul.aa9gg@gmail. com <paul.aa9gg% 40gmail.com> <paul.aa9gg%
> 40gmail.com> >
>
> > >> wrote:
>
> > >> From: Paul Mateer <paul.aa9gg@gmail. com <paul.aa9gg%
40gmail.com>
> <paul.aa9gg%

>
> > 40gmail.com> >
>
> > >> Subject: [atlas_radio] Aux. Connector?
>
> > >> To: atlas_radio@ yahoogroups. com <atlas_radio% 40yahoogroups.
> com><atlas_ radio%
>
> > 40yahoogroups. com>
>
> > >> Date: Monday, October 20, 2008, 11:32 AM
>
> > >>
>
> > >>
>
> > >> Hi All....
>
> > >>
>
> > >> Does anyone have a line on a mating connector for the Aux.
Socket of
>
> > the
>
> > >>
>
> > >> 210?
>
> > >>
>
> > >> --
>
> > >>
>
> > >> Paul Mateer, AA9GG
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> > >>
>
> > >> Elan Engineering Corp.
>
> > >>
>
> > >> www.elanengr. com
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> > >> [Non-text portions of this message have been removed]
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> > > Paul Mateer, AA9GG
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> > > Elan Engineering Corp.
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> > > www.elanengr. com
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> > Paul Mateer, AA9GG

>
> > Elan Engineering Corp.
>
> > www.elanengr. com
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> > [Non-text portions of this message have been removed]
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> Paul Mateer, AA9GG
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> Elan Engineering Corp.
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> www.elanengr. com
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com

[Non-text portions of this message have been removed]

408. Atlas 350-XL and 350-PS Manuals

Yahoo group: atlas_radio
Date: 2008-12-07 01:21:44 UTC
From: Alan Jackson
Topic: 408 Message: 408

I was given this vintage set and all is working. I am not familiar with it's operation. This is my first Atlas. Would someone have the manuals scanned that I could get it by download? Thanks...Alan...n5vab

Want quality?...Made in the USA?...build or repair it yourself and stay away from WalMart.

Alan...N5VAB

[Non-text portions of this message have been removed]

409. Re: [atlas_radio] Atlas 350-XL and 350-PS Manuals

Yahoo group: atlas_radio
Date: 2008-12-07 02:14:35 UTC
From: Jim
Topic: 408 Message: 409

The other Atlas group ... atlas210x-215x@yahoogroups.com ... may have the 350 manuals.

I don't think I've got them on here yet because I've never found a small enough scan to post to yahoogroups. I've got a PDF somewhere on one of my computers here, but which one ??

Jim N6OTQ
group owner

--- On Sat, 12/6/08, Alan Jackson <n5vab@...> wrote:

> From: Alan Jackson <n5vab@...>
> Subject: [atlas_radio] Atlas 350-XL and 350-PS Manuals
> To: atlas_radio@yahoogroups.com
> Date: Saturday, December 6, 2008, 7:21 PM
> I was given this vintage set and all is working. I am not
> familiar with it's operation. This is my first Atlas.
> Would someone have the manuals scanned that I could get it
> by download? Thanks...Alan...n5vab
>
>
> Want quality?...Made in the USA?...build or repair it
> yourself and stay away from WalMart.
>
> Alan...N5VAB
>
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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410. Re: Atlas 350-XL and 350-PS Manuals

Yahoo group: atlas_radio
Date: 2008-12-07 02:36:05 UTC
From: Alan
Topic: 408 Message: 410

--- In atlas_radio@yahoogroups.com, Jim <n6otq@...> wrote:

>Thanks Jim. I thought I saw a post last night that someone had it to
ask. They could not put it in the files because it was too long. I
will try the other group though. Thanks again. Alan...n5vab

> The other Atlas group ... atlas210x-215x@yahoogroups.com ... may
have the 350 manuals.
>
> I don't think I've got them on here yet because I've never found a
small enough scan to post to yahoogroups. I've got a PDF somewhere
on one of my computers here, but which one ??
>
> Jim N6OTQ
> group owner
>
>
> --- On Sat, 12/6/08, Alan Jackson <n5vab@...> wrote:
>
> > From: Alan Jackson <n5vab@...>
> > Subject: [atlas_radio] Atlas 350-XL and 350-PS Manuals
> > To: atlas_radio@yahoogroups.com
> > Date: Saturday, December 6, 2008, 7:21 PM
> > I was given this vintage set and all is working. I am not
> > familiar with it's operation. This is my first Atlas.
> > Would someone have the manuals scanned that I could get it
> > by download? Thanks...Alan...n5vab
> >
> >
> > Want quality?...Made in the USA?...build or repair it
> > yourself and stay away from WalMart.
> >
> > Alan...N5VAB
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> > [Non-text portions of this message have been removed]
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> > Yahoo! Groups Links
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411. RE: [atlas_radio] Atlas 350-XL and 350-PS Manuals

Yahoo group: atlas_radio
Date: 2008-12-07 06:41:12 UTC
From: MIKE DURKIN
Topic: 408 Message: 411

I do believe i have a copy ..that i can email....
I will try to get it to you tomorrow ...
KC7NOA

Subject: [atlas_radio] Atlas 350-XL and 350-PS Manuals

I was given this vintage set and all is working. I am not familiar with it's operation. This is my first Atlas. Would someone have the manuals scanned that I could get it by download? Thanks...Alan...n5vab

Want quality?...Made in the USA?...build or repair it yourself and stay away from WalMart.

Alan...N5VAB

[Non-text portions of this message have been removed]

_____
You live life online. So we put Windows on the web.
http://clk.atdmt.com/MRT/go/127032869/direct/01/

[Non-text portions of this message have been removed]

412. RE: [atlas_radio] Atlas 350-XL and 350-PS Manuals

Yahoo group: atlas_radio
Date: 2008-12-07 08:41:41 UTC
From: MIKE DURKIN
Topic: 408 Message: 412

Ok, i still haven't found it .. on my computers .. but this is where i got mine ..

http://wireless.org.uk/atlas/manuals.htm

KC7NOA

Subject: [atlas_radio] Atlas 350-XL and 350-PS Manuals

I was given this vintage set and all is working. I am not familiar with it's operation. This is my first Atlas. Would someone have the manuals scanned that I could get it by download? Thanks...Alan...n5vab

Want quality?...Made in the USA?...build or repair it yourself and stay away from WalMart.

Alan...N5VAB

[Non-text portions of this message have been removed]

_____
Send e-mail faster without improving your typing skills.
http://windowslive.com/Explore/hotmail?ocid=TXT_TAGLM_WL_hotmail_acq_speed_122008

[Non-text portions of this message have been removed]

413. RE: [atlas_radio] Atlas 350-XL and 350-PS Manuals

Yahoo group: atlas_radio
Date: 2008-12-07 14:58:09 UTC
From: Alan Jackson
Topic: 408 Message: 413

Thanks so much Mike. I found the site. Got some reading to do.

Want quality?...Made in the USA?...build or repair it yourself and stay away from WalMart.

Alan...N5VAB

--- On Sun, 12/7/08, MIKE DURKIN <Patriot121@...> wrote:

From: MIKE DURKIN <Patriot121@...>
Subject: RE: [atlas_radio] Atlas 350-XL and 350-PS Manuals
To: atlas_radio@yahoogroups.com
Date: Sunday, December 7, 2008, 2:41 AM

Ok, i still haven't found it .. on my computers .. but this is where i got mine ..

http://wireless. org.uk/atlas/ manuals.htm

KC7NOA

Subject: [atlas_radio] Atlas 350-XL and 350-PS Manuals

I was given this vintage set and all is working. I am not familiar with it's operation. This is my first Atlas. Would someone have the manuals scanned that I could get it by download? Thanks...Alan. ..n5vab

Want quality?...Made in the USA?...build or repair it yourself and stay away from WalMart.

Alan...N5VAB

[Non-text portions of this message have been removed]

_____ _____ _____ _____ _____ _____ _
Send e-mail faster without improving your typing skills.
http://windowslive. com/Explore/ hotmail?ocid= TXT_TAGLM_ WL_hotmail_ acq_speed_ 122008

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

414. My new Atlas 400X! !! Take a look!

Yahoo group: atlas_radio
Date: 2009-01-17 03:03:54 UTC
From: darrellhuth
Topic: 414 Message: 414

This has been my project on and off for the last few years now. This Atlas 400x was halfway dow the assembly line when Atlas went out of buisness. I got a few of them from a fellow that worked there. After trying to get the radio to work right (and never having much sucsess) I decided to take out the old VFO/Freq counter that took up much of the top half of the radio and replace it with a DDS vfo. After looking at several DDS kits, I decided on the Hendrix DDS kit It is a very well thought out and easy to build kit (It took me under one hour) and the quality of the board and components is the best I have seen. Mounting it in the 400X was fairly easy, and it sounds awsome on receive/transmit! A few more details to work out as time permits and hopfully I can button down the cabinet for good.....Darrell, WB6VHK. PS: I would love to see someone retrofit a Hendrix DDS VFO in a 210. It would be easy and would make it quite a radio. Imagine tuning in a station with your 210 and coming back a few hours later to find it right where you left it! Now if I could only do that with my car keys.....

415. Atlas 400X with DDS correction...

Yahoo group: atlas_radio
Date: 2009-01-17 05:32:05 UTC
From: darrellhuth
Topic: 415 Message: 415

The DDS VFO is made/sold by WA1FFL, Jim Hagerty. Not Hendrix.
Sorry..... You can google "WA1FFL" to see his webpage with all the
info...thanks.

416. PA amplifier

Yahoo group: atlas_radio
Date: 2009-03-03 21:34:21 UTC
From: twannie12000
Topic: 416 Message: 416

I have an Atlas 350XL without an PowerAmplifier.
I wish to build it myself from the original scematic.
But by the component list there are no values of the RF shokes
Can anyone help me?

Much greetings Antoine

417. What is the best desk mic for an Atlas 210 ?

Yahoo group: atlas_radio
Date: 2009-03-17 20:26:16 UTC
From: Paul Mateer
Topic: 417 Message: 417

The subject line says it all....What is the best desk mic for an Atlas 210 ? I currently have a hand mic (I forget the type, looks like it came from a P.A. system or something) but it does work well. I would like to find a desk mic for the rig. Any suggestions?

73 de AA9GG

418. Re: [atlas_radio] What is the best desk mic for an Atlas 210 ?

Yahoo group: atlas_radio
Date: 2009-03-17 20:26:59 UTC
From: Robert Kemp
Topic: 417 Message: 418

Astatic d104 first and only choice for most rigs for me!!
Bob

Paul Mateer wrote:

> The subject line says it all....What is the best desk mic for an Atlas 210 ? I currently have a hand mic (I forget the type, looks like it came from a P.A. system or something) but it does work well. I would like to find a desk mic for the rig. Any suggestions?
>
> 73 de AA9GG
>
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>
> Yahoo! Groups Links
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419. Re: What is the best desk mic for an Atlas 210 ?

Yahoo group: atlas_radio
Date: 2009-03-17 20:48:45 UTC
From: Paul Mateer
Topic: 417 Message: 419

--- In atlas_radio@yahoogroups.com, "Paul Mateer" <paul.aa9gg@...> wrote:
>
> The subject line says it all....What is the best desk mic for an Atlas 210 ? I currently have a hand mic (I forget the type, looks like it came from a P.A. system or something) but it does work well. I would like to find a desk mic for the rig. Any suggestions?
>
> 73 de AA9GG
>

I think it is a Shure mic

420. Re: [atlas_radio] What is the best desk mic for an Atlas 210 ?

Yahoo group: atlas_radio
Date: 2009-03-17 21:24:50 UTC
From: N9JCQ@aol.com
Topic: 417 Message: 420

Sure 404 C???

-----Original Message-----
From: Paul Mateer <paul.aa9gg@...>
To: atlas_radio@yahoogroups.com
Sent: Tue, 17 Mar 2009 3:26 pm
Subject: [atlas_radio] What is the best desk mic for an Atlas 210 ?

The subject line says it all....What is the best desk mic for an Atlas 210 ? I currently have a hand mic (I forget the type, looks like it came from a P.A. system or something) but it does work well. I would like to find a desk mic for the rig. Any suggestions?

73 de AA9GG

[Non-text portions of this message have been removed]

421. Noise Blanker for mobile operation

Yahoo group: atlas_radio
Date: 2009-03-17 21:30:32 UTC
From: Old Diesel Boat Radioman
Topic: 421 Message: 421

Gang,

The Atlas 210 w/Noise Blanker has been suggested as an excellent rig for mobile operation.

At present that is my preference. However, do any of you have advice or recommendations as to other Atlas models that were popular for mobile operation back in the 70's and 80's?

Was a Noise Blanker available installed or as an option in ALL Atlas rigs back then? I can't remember... I was originally licensed in April of '69 and an Atlas was only a pipe dream...

Tnx es 73 de Howard K3HW

422. Re: [atlas_radio] What is the best desk mic for an Atlas 210 ?

Yahoo group: atlas_radio
Date: 2009-03-17 21:45:12 UTC
From: N9JCQ@aol.com
Topic: 417 Message: 422

Paul, you mean the Shure 404C. http://www.shure.com/stellent/groups/public/@gms_gmi_web_ug/documents/web_resource/us_pro_404c_ug_27a179(ja).pdf

Didn't you get one with the 210? I thought I gave you one?

[Non-text portions of this message have been removed]

423. Re: [atlas_radio] Noise Blanker for mobile operation

Yahoo group: atlas_radio
Date: 2009-03-17 15:34:46 UTC
From: Dave
Topic: 421 Message: 423

Old Diesel Boat Radioman wrote:
> Gang,
>
> The Atlas 210 w/Noise Blanker has been suggested as an excellent rig for mobile operation.
>
> At present that is my preference. However, do any of you have advice or recommendations as to other Atlas models that were popular for mobile operation back in the 70's and 80's?
>
> Was a Noise Blanker available installed or as an option in ALL Atlas rigs back then? I can't remember... I was originally licensed in April of '69 and an Atlas was only a pipe dream...
>
> Tnx es 73 de Howard K3HW
>
>
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>

I used an Atlas 180. I still use it daily as a home station. Still
has the original finals from 1976.

Dave - WB6DHW
<http://wb6dhw.com>

424. Re: [atlas_radio] What is the best desk mic for an Atlas 210 ?

Yahoo group: atlas_radio
Date: 2009-03-18 00:15:10 UTC
From: dennis hatch
Topic: 417 Message: 424

Shure 444 Hi impedance dynamic desk mic... D-104 is ok, but may sound a bit "tinny".

--- On Tue, 3/17/09, Robert Kemp <bkemp@...> wrote:

From: Robert Kemp <bkemp@...>
Subject: Re: [atlas_radio] What is the best desk mic for an Atlas 210 ?
To: atlas_radio@yahoogroups.com
Date: Tuesday, March 17, 2009, 3:26 PM

Astatic d104 first and only choice for most rigs for me!!
Bob

Paul Mateer wrote:

> The subject line says it all....What is the best desk mic for an Atlas 210
? I currently have a hand mic (I forget the type, looks like it came from a
P.A. system or something) but it does work well. I would like to find a desk
mic for the rig. Any suggestions?
>
> 73 de AA9GG
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> Yahoo! Groups Links
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Yahoo! Groups Links

[Non-text portions of this message have been removed]

425. Re: [atlas_radio] What is the best desk mic for an Atlas 210 ?

Yahoo group: atlas_radio
Date: 2009-03-18 01:48:32 UTC
From: Jim
Topic: 417 Message: 425

I've always favored a D-104 myself.

Jim N6OTQ

--- On Tue, 3/17/09, Paul Mateer <paul.aa9gg@...> wrote:

> The subject line says it all....What is the best desk mic
> for an Atlas 210 ? I currently have a hand mic (I forget
> the type, looks like it came from a P.A. system or
> something) but it does work well. I would like to find a
> desk mic for the rig. Any suggestions?
>
> 73 de AA9GG

426. SELL ATLAS 350 BATCH

Yahoo group: atlas_radio
Date: 2009-03-18 11:40:47 UTC
From: mikehagans@aol.com
Topic: 426 Message: 426

For sale:Atlas 350XL, newer version with auxillary VFO and Power supply speaker, works good looks good..Also comes with spare parts rig 350XL which receives great but no transmit...Includes Manual...$400.00 for all plus shipping from 35971....Mike mikehagans@...
**********Feeling the pinch at the grocery store? Make dinner for $10 or less. (http://food.aol.com/frugal-feasts?ncid=emlcntusfood00000001)

[Non-text portions of this message have been removed]

427. RE: [atlas_radio] SELL ATLAS 350 BATCH

Yahoo group: atlas_radio
Date: 2009-03-18 12:08:40 UTC
From: MIKE DURKIN
Topic: 426 Message: 427

Is this the same set from Mon 10/06/08 4:46 AM that you were trying to sell?? or another set??

KC7NOA

To: atlas_radio@yahoogroups.com
From: mikehagans@...
Date: Wed, 18 Mar 2009 07:40:47 -0400
Subject: [atlas_radio] SELL ATLAS 350 BATCH

For sale:Atlas 350XL, newer version with auxillary VFO and Power supply

speaker, works good looks good..Also comes with spare parts rig 350XL which

receives great but no transmit...Includes Manual...$400.00 for all plus shipping

from 35971....Mike mikehagans@...

**********Feeling the pinch at the grocery store? Make dinner for $10 or

less. (http://food.aol.com/frugal-feasts?ncid=emlcntusfood00000001)

[Non-text portions of this message have been removed]

Hotmail® is up to 70% faster. Now good news travels really fast.
http://windowslive.com/online/hotmail?ocid=TXT_TAGLM_WL_HM_70faster_032009

[Non-text portions of this message have been removed]

428. Re: [atlas_radio] What is the best desk mic for an Atlas 210 ?

Yahoo group: atlas_radio
Date: 2009-03-18 13:15:18 UTC
From: Paul Mateer
Topic: 417 Message: 428

That is it. I couldn't remember the model number (I'm at work). I
was thinking of getting a deskmic for the rig. I just moved over the
weekend and I discovered an old Astatic(?) mic. Not a d104
"lollypop", this one is more bullet shaped(again I forget the model
number). I'm going to try an wire it up, the only problem is there is
no PTT on it so I'll have to key manually.

On Tue, Mar 17, 2009 at 4:45 PM, <N9JCQ@...> wrote:
>
>
> Paul, you mean the Shure 404C.
> http://www.shure.com/stellent/groups/public/@gms_gmi_web_ug/documents/web_resource/us_pro_404c_ug_27a179(ja).pdf
>
>
>
>
>
> Didn't you get one with the 210? I thought I gave you one?
>
> [Non-text portions of this message have been removed]
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com

429. Re: What is the best desk mic for an Atlas 210 ?

Yahoo group: atlas_radio
Date: 2009-03-18 18:37:41 UTC
From: Paul Mateer
Topic: 417   Message: 429

Yes...I have the Shure 404C. It's a hand mic. Looking for a desk mic
--- In atlas_radio@yahoogroups.com, N9JCQ@... wrote:
>
> Sure 404 C???
>
>
> -----Original Message-----
> From: Paul Mateer <paul.aa9gg@...>
> To: atlas_radio@yahoogroups.com
> Sent: Tue, 17 Mar 2009 3:26 pm
> Subject: [atlas_radio] What is the best desk mic for an Atlas 210 ?
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> The subject line says it all....What is the best desk mic for an Atlas 210 ? I currently have a hand mic (I forget the type, looks like it came from a P.A. system or something) but it does work well. I would like to find a desk mic for the rig. Any suggestions?
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> 73 de AA9GG
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430. Re: SELL ATLAS 350 BATCH

Yahoo group: atlas_radio
Date: 2009-03-20 13:25:27 UTC
From: Jim
Topic: 426 Message: 430

Hey, can you post a few pictures of these rigs into the Photos section?

It might help your cause.

73

Jim N6OTQ
group owner/moderator

--- In atlas_radio@yahoogroups.com, mikehagans@... wrote:
>
> For sale:Atlas 350XL, newer version with auxillary VFO and Power supply
> speaker, works good looks good..Also comes with spare parts rig 350XL which
> receives great but no transmit...Includes Manual...$400.00 for all plus shipping
> from 35971....Mike mikehagans@...
> **********Feeling the pinch at the g

431. Atlas 350xl rf transistors

Yahoo group: atlas_radio
Date: 2009-04-19 12:37:37 UTC
From: Tumang
Topic: 431 Message: 431

Hello Everyone,

I was wondering if the CD2545 rf transistors in my Atlas 350xl

have the replacement of 2SC2290 rf transistors, I need a matched

quad for the finals and was wondering if I can use the 2SC2290

as a replacement for the CD2545 already installed ??

Any Help would be appreciated ??

Thanks in Advance

73's

Terry

432. RE: [atlas_radio] Atlas 350xl rf transistors

Yahoo group: atlas_radio
Date: 2009-04-19 13:51:02 UTC
From: MIKE DURKIN
Topic: 431 Message: 432

I have dropped in MRF454's .... The 2sc2290 dont have as high a minimum DC gain but should work fine. Even the MRF455 would work out ok, just not as much power on 160M. While your replacing the finals - might as well do a few mods there too .....

To: atlas_radio@yahoogroups.com
From: tumang2k@yahoo.com
Date: Sun, 19 Apr 2009 12:37:37 +0000
Subject: [atlas_radio] Atlas 350xl rf transistors

Hello Everyone,

I was wondering if the CD2545 rf transistors in my Atlas 350xl

have the replacement of 2SC2290 rf transistors, I need a matched

quad for the finals and was wondering if I can use the 2SC2290

as a replacement for the CD2545 already installed ??

Any Help would be appreciated ??

Thanks in Advance

73's

Terry

Rediscover Hotmail®: Get e-mail storage that grows with you.
http://windowslive.com/RediscoverHotmail?ocid=TXT_TAGLM_WL_HM_Rediscover_Storage2_042009

[Non-text portions of this message have been removed]

433. RE: [atlas_radio] Atlas 350xl rf transistors

Yahoo group: atlas_radio
Date: 2009-04-19 16:58:39 UTC
From: Jim
Topic: 431 Message: 433

For the record, HF RF transistors in the 60 to 100 watt range are almost completely interchangeable in any application, with these limitations, listed in order:

* Voltage
* Case style (flange or stud)
* Case size

Obviously, you have to match the voltage range.

Obviously if you can't bolt through the heatsink with a stud, you have to bolt TO the heatsink with a flange case.

And case size? Smaller transistors easily fit where the bigger ones were, with the caution that the flange holes won't line up. Larger transistors can almost always go where smaller transistors went, except that you will need to trim out the PCB a little ... and again, the flange holes won't match.

The larger size case gives more area for thermal conduction, so these tend to be more rugged.

The transistors rated for higher power _usually_ require a lower impedance value to match the inputs and outputs. With the common broadbanded push-pull configuration, this typically requires adding a turn to the high-impedance side of the transformers to get the maximum smoke out.

But if you get the old Motorola RF Transistor Selection Guide and work the numbers on a few of the designs that use different transistors on the same PCB, you will see a most interesting relationship between input/output impedance and power output.

You'll also notice that for certain medium-output transistors, you can select for higher gain and lower IMD. Recall that for a given driver-stage output, higher gain and lower IMD in the finals will be worth a lot more at the end of a 10,000-mile QSO than a few extra trashy watts.

There remains an awful lot of experimentation to be done with HF and VHF RF transistors.* Since the early 1970s, we've been taking Helge Granberg's work as the absolute and final (pun intended) word on the subject.

Well, everything he said was true, and everything he published was exactly according to Motorola's bottom line, as well.

Nearly 40 years ago.

Jim N6OTQ

* The ARRL is encouraging some of this experimentation in their latest homebrew contest. Kudos to them!

434. Re: [atlas_radio] Atlas 350xl rf transistors

Yahoo group: atlas_radio
Date: 2009-04-19 17:49:50 UTC
From: Mike-WE0H
Topic: 431 Message: 434

Hi Jim,

That was a darn good run down on using HF transistor's in broadband amps. Thanks much. I am homebrewing a 2x transistor amp to run with my K2. Picked up a FAR Circuits board and a dead HF amp at a hamfest to build me something nice with a pair of those 2SC-xxxx transistor's.

--
Mike
WE0H
K2 #6698
SKCC #5446

Jim wrote:
>
>
>
> For the record, HF RF transistors in the 60 to 100 watt range are
> almost completely interchangeable in any application, with these
> limitations, listed in order:
>
> * Voltage
> * Case style (flange or stud)
> * Case size
>
> Obviously, you have to match the voltage range.
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> Obviously if you can't bolt through the heatsink with a stud, you have
> to bolt TO the heatsink with a flange case.
>
> And case size? Smaller transistors easily fit where the bigger ones
> were, with the caution that the flange holes won't line up. Larger
> transistors can almost always go where smaller transistors went,
> except that you will need to trim out the PCB a little ... and again,
> the flange holes won't match.
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> The larger size case gives more area for thermal conduction, so these
> tend to be more rugged.
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> The transistors rated for higher power _usually_ require a lower
> impedance value to match the inputs and outputs. With the common
> broadbanded push-pull configuration, this typically requires adding a
> turn to the high-impedance side of the transformers to get the maximum
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> the same PCB, you will see a most interesting relationship between
> input/output impedance and power output.
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> select for higher gain and lower IMD. Recall that for a given
> driver-stage output, higher gain and lower IMD in the finals will be
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> VHF RF transistors.* Since the early 1970s, we've been taking Helge
> Granberg's work as the absolute and final (pun intended) word on the
> subject.
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> Well, everything he said was true, and everything he published was
> exactly according to Motorola's bottom line, as well.
>
> Nearly 40 years ago.
>
> Jim N6OTQ
>
> * The ARRL is encouraging some of this experimentation in their latest
> homebrew contest. Kudos to them!
>

435. Umbraco keys!

Yahoo group: atlas_radio
Date: 2009-04-27 08:20:32 UTC
From: Ole Lundsgaard
Topic: 435 Message: 435

Hello!

I'm trying to find out where to get the right key size for the knobs on my Atlas 350-XL. I simply can't get them loose with my own (in mm size).
Any hint will be appreciated.

Vy 73

oz2ql/ole
www.oz2ql.dk

436. Replacement LED dot-matrix displays for 350

Yahoo group: atlas_radio
Date: 2009-05-18 01:30:42 UTC
From: Bruce Sawtelle
Topic: 436 Message: 436

Anyone have a source for the individual LED displays in the 350XL? A friend of mine has one that's getting "flaky".

tnx es 73
Bruce -W3NJ

437. RE: [atlas_radio] Replacement LED dot-matrix displays for 350

Yahoo group: atlas_radio
Date: 2009-05-18 03:28:18 UTC
From: MIKE DURKIN
Topic: 436 Message: 437

Sure its a LED and not the driver ... some freeze it on the driver bring it back??
I have spares i think ...

KC7NOA
To: atlas_radio@yahoogroups.com
From: W3NJ@...
Date: Mon, 18 May 2009 01:30:42 +0000
Subject: [atlas_radio] Replacement LED dot-matrix displays for 350

Anyone have a source for the individual LED displays in the 350XL? A friend of mine has one that's getting "flaky".

tnx es 73

Bruce -W3NJ

_____
Hotmail® has a new way to see what's up with your friends.
http://windowslive.com/Tutorial/Hotmail/WhatsNew?ocid=TXT_TAGLM_WL_HM_Tutorial_WhatsNew1_052009

[Non-text portions of this message have been removed]

438. Re: [atlas_radio] Replacement LED dot-matrix displays for 350

Yahoo group: atlas_radio
Date: 2009-05-18 07:54:33 UTC
From: Ole
Topic: 436 Message: 438

Hello!

I have some spares!

med venlig hilsen/regards

Ole Lundsgaard
(oz2ql)

(Reply to :mail@...)

Bruce Sawtelle skrev:
>
>
> Anyone have a source for the individual LED displays in the 350XL? A
> friend of mine has one that's getting "flaky".
>
> tnx es 73
> Bruce -W3NJ
>
>

--
med venlig hilsen/regards

Ole Lundsgaard
(oz2ql)

(Reply to :mail@...)

439. Re: Replacement LED dot-matrix displays for 350

Yahoo group: atlas_radio
Date: 2009-05-19 23:54:30 UTC
From: Bruce Sawtelle
Topic: 436 Message: 439

Thanks Ole and Mike for the info.I'll pass it along to my friend. I know he did try swapping the displays between drivers and it followed the display.

Messages in this topic (3)

1b. Re: Replacement LED dot-matrix displays for 350
Posted by: "MIKE DURKIN" Patriot121@... seth_otherpower
Date: Sun May 17, 2009 8:28 pm ((PDT))

Sure its a LED and not the driver ... some freeze it on the driver bring it back??
I have spares i think ...

Messages in this topic (3)

1c. Re: Replacement LED dot-matrix displays for 350
Posted by: "Ole" mail@... oz2ql
Date: Mon May 18, 2009 12:55 am ((PDT))

Hello!

I have some spares!

med venlig hilsen/regards

Ole Lundsgaard
(oz2ql)

(Reply to :mail@...)

Bruce Sawtelle skrev:
>
>
> Anyone have a source for the individual LED displays in the 350XL? A
> friend of mine has one that's getting "flaky".
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> Bruce -W3NJ
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>

--
med venlig hilsen/regards

Ole Lundsgaard
(oz2ql)

(Reply to :mail@...)

Messages in this topic (3)

Yahoo! Groups Links

[Non-text portions of this message have been removed]

440. Diagrams early 350-xl model!

Yahoo group: atlas_radio
Date: 2009-05-24 15:57:31 UTC
From: Ole Lundsgaard
Topic: 440 Message: 440

Hello!

I'm a bit in trouble with my 350-xl.
Recieve is OK but in TX the swr suddenly goes high (on a dummyload)and the output shuts down.(all this happen shortly after tx is activated.Nothing is overheated and coldspray has no effect)
I can se, that the diagrams I have is from later models. I wonder if someone has a manual with early model diagrams, that I can borrow (get) a copy of (in pdf format if possible)!
Any help will be appreciated.

Regards

oz2ql/ole

441. Re: [atlas_radio] Diagrams early 350-xl model!

Yahoo group: atlas_radio
Date: 2009-05-26 14:53:18 UTC
From: Mike Williamson
Topic: 440 Message: 441

Ole,

On the site here, under the file section for the 350 XL, is a PDF dated 4/78 of the chassis wiring diagram for the 350 XL. It is for the earlier radios as it does not have the TX Drive pot shown, but the toggle switch. It was not PDFed very good, but you can scroll around slowly and see the various parts of the diagram. Hard copy prints of this drawing can be obtained from Jim Singleton at wa5bdr@... for a very reasonable price. The drawing is about 17" X 22" or 43.2 cm X 55.9 cm in actual size. I have just ordered a number of copies from Jim of this drawing. He has all of the Atlas 350 XL documentation as well as all of the Swan, and Cubic documents.

73s
Mike
KA5DVR

--- On Sun, 5/24/09, Ole Lundsgaard <mail@...> wrote:

From: Ole Lundsgaard <mail@...>
Subject: [atlas_radio] Diagrams early 350-xl model!
To: atlas_radio@yahoogroups.com
Date: Sunday, May 24, 2009, 9:57 AM

Hello!

I'm a bit in trouble with my 350-xl.
Recieve is OK but in TX the swr suddenly goes high (on a dummyload)and the output shuts down.(all this happen shortly after tx is activated.Nothing is overheated and coldspray has no effect)
I can se, that the diagrams I have is from later models. I wonder if someone has a manual with early model diagrams, that I can borrow (get) a copy of (in pdf format if possible)!
Any help will be appreciated.

Regards

oz2ql/ole

[Non-text portions of this message have been removed]

442. Re: [atlas_radio] Diagrams early 350-xl model!

Yahoo group: atlas_radio
Date: 2009-05-26 18:09:22 UTC
From: Ole
Topic: 440 Message: 442

Hello Mike!
Tanks for answer. I have that wiring diagram, but even this does not match my 350.
To let You know ......in my radio a 10k resistor goes from cw t line to the top of the mikegain potmeter just like it does in my 210x(and diagram shows it)but it's not in 350 diagram! and there are other similarities as well.
The serial number is 977080.
I'm at bit lost! Anyway I just need to find out why it shuts down.

med venlig hilsen/regards

Ole Lundsgaard
(oz2ql)

(Reply to :mail@...)

Mike Williamson skrev:
>
>
> Ole,
>
> On the site here, under the file section for the 350 XL, is a PDF
> dated 4/78 of the chassis
> wiring diagram for the 350 XL. It is for the earlier radios as it
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> not PDFed very good, but you can scroll around slowly and see the
> various parts of the diagram. Hard copy prints of this drawing can
> be obtained from Jim Singleton at wa5bdr@...
> <mailto:wa5bdr%40gbis.com> for a very reasonable price. The drawing
> is about 17" X 22" or 43.2 cm X 55.9 cm in actual size. I have just
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> Atlas 350 XL documentation as well as all of the Swan, and Cubic
> documents.
>
> 73s
> Mike
> KA5DVR
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> --- On Sun, 5/24/09, Ole Lundsgaard <mail@...
> <mailto:mail%40oz2ql.dk>> wrote:
>
> From: Ole Lundsgaard <mail@... <mailto:mail%40oz2ql.dk>>

> Subject: [atlas_radio] Diagrams early 350-xl model!
> To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
> Date: Sunday, May 24, 2009, 9:57 AM
>
> Hello!
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> I'm a bit in trouble with my 350-xl.
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> (get) a copy of (in pdf format if possible)!
> Any help will be appreciated.
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> Regards
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> oz2ql/ole
>
> [Non-text portions of this message have been removed]
>
>

--
med venlig hilsen/regards

Ole Lundsgaard
(oz2ql)

(Reply to :mail@...)

443. Ham transceiver

Yahoo group: atlas_radio
Date: 2009-05-30 21:42:24 UTC
From: obrien.g@att.net
Topic: 443 Message: 443

I am looking for a Ham transceiver. Any kind that can be used with a technician license.

444. Re: [atlas_radio] Ham transceiver

Yahoo group: atlas_radio
Date: 2009-05-30 21:53:33 UTC
From: Jim
Topic: 443 Message: 444

--- On Sat, 5/30/09, obrien.g@... <obrien.g@...> wrote:

> I am looking for a Ham transceiver.
> Any kind that can be used with a technician license.
>

You've come to the right place.

Please know -- Atlas rigs are "classic" radios -- in other words, they are all old enough to vote, and nearly old enough to collect Social Security.

Always sold where-is, as-is, without warranty nor operating instructions.

That said -- they are perhaps the simplest to use and most reliable solid-state rig ever sold.

They cost ... well, whatever you can find one for. The entry level for a well-maintained Atlas is nearly as much as for an entry-level new HF rig. If you want bands besides 80 - 40 - 20 - 15- 10, you'll be sorely challenged to get an Atlas to budge more than a few hundred kHz out of those bands. (except for the Atlas rigs with 160, which surrenders 10, and the 350s, which start around $600 for one that's fully functional).

I would never discourage anybody from getting an Atlas, but I always offer these cautions. The Atlas 210 truly WAS the very first true "appliance operator" ham rig, but after 30 years, you're operating an appliance that is nearly an old-fashioned icebox compared to today's heavily digitalized rigs.

They're still WAAY cooler than a 2000-something rig, tho!

Moderator Jim

N6OTQ

445. Atlas 400x schematic

Yahoo group: atlas_radio
Date: 2009-07-10 14:19:18 UTC
From: radiomcu
Topic: 445 Message: 445

I am looking for the manual or schematic to look at. I see where you can buy one on line. I don't have a 400x, I just want to look at schematic. Anyone have any idea's.

73's
DN

446. RE: [atlas_radio] Atlas 400x schematic

Yahoo group: atlas_radio
Date: 2009-07-10 22:11:20 UTC
From: darrell huth
Topic: 445 Message: 446

I have all of the schematics and the original manuals......Darrell

To: atlas_radio@yahoogroups.com
From: k5wec1@...
Date: Fri, 10 Jul 2009 14:19:18 +0000
Subject: [atlas_radio] Atlas 400x schematic

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73's

DN

Windows Live? SkyDrive?: Get 25 GB of free online storage.
http://windowslive.com/online/skydrive?ocid=TXT_TAGLM_WL_SD_25GB_062009

[Non-text portions of this message have been removed]

447. RE: [atlas_radio] Atlas 400x schematic

Yahoo group: atlas_radio
Date: 2009-07-10 22:56:07 UTC
From: Jim
Topic: 445 Message: 447

Care to post those to the group in the files section?

Jim the moderator

--- On Fri, 7/10/09, darrell huth <dh1338@...> wrote:

> I have all of the schematics and the original
> manuals......Darrell
>
> To: atlas_radio@yahoogroups.com
> From: k5wec1@...
> Date: Fri, 10 Jul 2009 14:19:18 +0000
> Subject: [atlas_radio] Atlas 400x schematic
>
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>   I am looking for the manual or
> schematic to look at. I see where you can buy one on line. I
> don't have a 400x, I just want to look at schematic. Anyone
> have any idea's.
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> 73's
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> DN
>

448. RE: [atlas_radio] Atlas 400x schematic

Yahoo group: atlas_radio
Date: 2009-07-11 00:16:52 UTC
From: darrell huth
Topic: 445 Message: 448

I will be glad to! It may take me some time to scan them as I need help doing it, but it will be done!...Darrell

To: atlas_radio@yahoogroups.com
From: n6otq@...
Date: Fri, 10 Jul 2009 15:56:07 -0700
Subject: RE: [atlas_radio] Atlas 400x schematic

Care to post those to the group in the files section?

Jim the moderator

--- On Fri, 7/10/09, darrell huth <dh1338@hotmail.com> wrote:

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>

> To: atlas_radio@yahoogroups.com

> From: k5wec1@gmail.com

> Date: Fri, 10 Jul 2009 14:19:18 +0000

> Subject: [atlas_radio] Atlas 400x schematic

>

>

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> schematic to look at. I see where you can buy one on line. I

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>

> 73's

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> DN

>

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2009

[Non-text portions of this message have been removed]

449. RE: [atlas_radio] Atlas 400x schematic

Yahoo group: atlas_radio
Date: 2009-07-11 00:34:36 UTC
From: Jim
Topic: 445 Message: 449

If you can mail me photocopies (reasonable compensation will be paid) I can manage the scanning.

Let me know

Jim N6OTQ

--- On Fri, 7/10/09, darrell huth <dh1338@...> wrote:

> From: darrell huth <dh1338@...>
> Subject: RE: [atlas_radio] Atlas 400x schematic
> To: atlas_radio@yahoogroups.com
> Date: Friday, July 10, 2009, 7:16 PM
>
> I will be glad to! It may take me some time to scan them as
> I need help doing it, but it will be done!...Darrell

450. RE: [atlas_radio] Atlas 400x schematic

Yahoo group: atlas_radio
Date: 2009-07-11 01:27:58 UTC
From: darrell huth
Topic: 445 Message: 450

Jim:

I could fax them to you, that would be easy for me. Just out of curiosity, why do you want them? I have a few 400X's, The schematics are "prelim" and full of errors and corrections, better than nothing but sometimes not by much! ....Darrell

To: atlas_radio@yahoogroups.com
From: n6otq@...
Date: Fri, 10 Jul 2009 17:34:36 -0700
Subject: RE: [atlas_radio] Atlas 400x schematic

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Let me know

Jim N6OTQ

--- On Fri, 7/10/09, darrell huth <dh1338@...> wrote:

> From: darrell huth <dh1338@...>

> Subject: RE: [atlas_radio] Atlas 400x schematic

> To: atlas_radio@yahoogroups.com

> Date: Friday, July 10, 2009, 7:16 PM

>

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_____
Windows Live?: Keep your life in sync.
http://windowslive.com/explore?ocid=TXT_TAGLM_WL_BR_life_in_synch_062009

[Non-text portions of this message have been removed]

451. Re: [atlas_radio] Atlas 400x schematic

Yahoo group: atlas_radio
Date: 2009-07-11 05:41:17 UTC
From: k5wec1
Topic: 445 Message: 451

I was interested in buying one at the time Atlas was taking deposits,
but was never able to. What intrigued me at the time was the use of DDS.
I recently found the letter from Atlas telling me how much they wanted
for a deposit.
It got me thinking about it, so I wanted to take a look at the
schematics. The fact that you have a few is really impressive since they
made so few.

D. Noel

darrell huth wrote:
> Jim:
>
> I could fax them to you, that would be easy for me. Just out of curiosity, why do you
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> To: atlas_radio@yahoogroups.com
> From: n6otq@...
> Date: Fri, 10 Jul 2009 17:34:36 -0700
> Subject: RE: [atlas_radio] Atlas 400x schematic
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> Jim N6OTQ
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> --- On Fri, 7/10/09, darrell huth <dh1338@...> wrote:
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>> From: darrell huth <dh1338@...>
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>> Subject: RE: [atlas_radio] Atlas 400x schematic
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>> To: atlas_radio@yahoogroups.com
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> --
> Windows Live?: Keep your life in sync.
> http://windowslive.com/explore?ocid=TXT_TAGLM_WL_BR_life_in_synch_062009
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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452. RE: [atlas_radio] Atlas 400x schematic

Yahoo group: atlas_radio
Date: 2009-07-11 14:30:14 UTC
From: darrell huth
Topic: 445 Message: 452

One thing for certain, Atlas 400X's never had DDS, not in the radios or schematics. The 400X has a regular vfo just like the 210's with a "huff puff" circuit added to stabilize it. (it does not work all that well) . I have one 400X I am working on, It was halfway complete when they went under with no vfo inside. I added a DDS vfo and got it working. I have made hundreds of contacts with itbut recently took it back apart to install better bandpass filters for the front end. ....Darrell

> To: atlas_radio@yahoogroups.com
> From: k5wec1@...
> Date: Sat, 11 Jul 2009 00:41:17 -0500
> Subject: Re: [atlas_radio] Atlas 400x schematic
>
> I was interested in buying one at the time Atlas was taking deposits,
> but was never able to. What intrigued me at the time was the use of DDS.
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> D. Noel
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> darrell huth wrote:
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> > To: atlas_radio@yahoogroups.com
> > From: n6otq@...
> > Date: Fri, 10 Jul 2009 17:34:36 -0700
> > Subject: RE: [atlas_radio] Atlas 400x schematic
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> > --- On Fri, 7/10/09, darrell huth <dh1338@...> wrote:
> >
> >
> >
> >
> >> From: darrell huth <dh1338@...>
> >>
> >
> >
> >> Subject: RE: [atlas_radio] Atlas 400x schematic
> >>
> >
> >
> >> To: atlas_radio@yahoogroups.com
> >>
> >
> >
> >> Date: Friday, July 10, 2009, 7:16 PM
> >>
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> >
> >> I will be glad to! It may take me some time to scan them as
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> >> I need help doing it, but it will be done!...Darrell
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> > _____
> > Windows Live?: Keep your life in sync.
> > http://windowslive.com/explore?ocid=TXT_TAGLM_WL_BR_life_in_synch_062009
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> > [Non-text portions of this message have been removed]
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> > Yahoo! Groups Links
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> Yahoo! Groups Links
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Hotmail? has ever-growing storage! Don?t worry about storage limits.
http://windowslive.com/Tutorial/Hotmail/Storage?ocid=TXT_TAGLM_WL_HM_Tutorial_Storage_062009

[Non-text portions of this message have been removed]

453. Re: [atlas_radio] Atlas 400x schematic

Yahoo group: atlas_radio
Date: 2009-07-11 19:56:09 UTC
From: k5wec1
Topic: 445 Message: 453

Darrell

Well I was trying to remember what it was that intrigued me about the
400x 12 years ago. I guess the DDS was not it!

DNoel

darrell huth wrote:
> One thing for certain, Atlas 400X's never had DDS, not in the radios or schematics. The 400X has a regular vfo just like the 210's with a "huff puff" circuit added to stabilize it. (it does not work all that well) . I have one 400X I am working on, It was halfway complete when they went under with no vfo inside. I added a DDS vfo and got it working. I have made hundreds of contacts with itbut recently took it back apart to install better bandpass filters for the front end. ....Darrell
>
>
>> To: atlas_radio@yahoogroups.com
>> From: k5wec1@...
>> Date: Sat, 11 Jul 2009 00:41:17 -0500
>> Subject: Re: [atlas_radio] Atlas 400x schematic
>>
>> I was interested in buying one at the time Atlas was taking deposits,
>> but was never able to. What intrigued me at the time was the use of DDS.
>> I recently found the letter from Atlas telling me how much they wanted
>> for a deposit.
>> It got me thinking about it, so I wanted to take a look at the
>> schematics. The fact that you have a few is really impressive since they
>> made so few.
>>
>> D. Noel
>>
>> darrell huth wrote:
>>
>>> Jim:
>>>
>>> I could fax them to you, that would be easy for me. Just out of curiosity, why do you want them? I have a few 400X's, The schematics are "prelim" and full of errors and corrections, better than nothing but sometimes not by much! ....Darrell
>>>
>>> To: atlas_radio@yahoogroups.com
>>> From: n6otq@...
>>> Date: Fri, 10 Jul 2009 17:34:36 -0700
>>> Subject: RE: [atlas_radio] Atlas 400x schematic
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>>> If you can mail me photocopies (reasonable compensation will be paid) I can manage the scanning.
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>>> Let me know
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>>> Jim N6OTQ
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>>> --- On Fri, 7/10/09, darrell huth <dh1338@...> wrote:
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>>>> From: darrell huth <dh1338@...>
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>>>> Subject: RE: [atlas_radio] Atlas 400x schematic

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>>>> To: atlas_radio@yahoogroups.com
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>>>> Date: Friday, July 10, 2009, 7:16 PM
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>>>> I will be glad to! It may take me some time to scan them as
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>>>> I need help doing it, but it will be done!...Darrell
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>>> ____
>>> Windows Live?: Keep your life in sync.
>>> http://windowslive.com/explore?ocid=TXT_TAGLM_WL_BR_life_in_synch_062009

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>>> [Non-text portions of this message have been removed]
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> Hotmail? has ever-growing storage! Don?t worry about storage limits.
> http://windowslive.com/Tutorial/Hotmail/Storage?ocid=TXT_TAGLM_WL_HM_Tutorial_Storage_06
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454. Atlas 180 meter

Yahoo group: atlas_radio
Date: 2009-09-22 20:47:26 UTC
From: Stephen
Topic: 454 Message: 454

Hello group! Just picked up an Atlas 180 and the meter needs to be replaced...dead...Does anyone have a 180 parts rig with a meter, and if so, how much?

Also looking for the Atlas MT-1 transformer.

Thanks and 73!

Steve WA3JJT

PS. I'm in Erie, PA, where Herb Johnson used to hail from!

455. Re: [atlas_radio] Atlas 180 meter

Yahoo group: atlas_radio
Date: 2009-09-23 11:40:03 UTC
From: dennis hatch
Topic: 454 Message: 455

RF Parts may still have some of them.... Thay purchased a few Atlas parts when Atlas went out of business.

--- On Tue, 9/22/09, Stephen <stevemillererie@...> wrote:

From: Stephen <stevemillererie@...m>
Subject: [atlas_radio] Atlas 180 meter
To: atlas_radio@yahoogroups.com
Date: Tuesday, September 22, 2009, 3:47 PM

Hello group! Just picked up an Atlas 180 and the meter needs to be replaced...dead...Does anyone have a 180 parts rig with a meter, and if so, how much?

Also looking for the Atlas MT-1 transformer.

Thanks and 73!

Steve WA3JJT

PS. I'm in Erie, PA, where Herb Johnson used to hail from!

Yahoo! Groups Links

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

456. Re: [atlas_radio] Atlas 180 meter

Yahoo group: atlas_radio
Date: 2009-09-23 13:11:27 UTC
From: Paul Mateer
Topic: 454 Message: 456

They have one for the 210/215: http://www.rfparts.com/serviceparts.html

On Wed, Sep 23, 2009 at 6:40 AM, dennis hatch <dennishhatch@...>wrote:

>
>
> RF Parts may still have some of them.... Thay purchased a few Atlas parts
> when Atlas went out of business.
>
> --- On Tue, 9/22/09, Stephen <stevemillererie@...<stevemillererie%40hotmail.com>>
> wrote:
>
> From: Stephen <stevemillererie@... <stevemillererie%40hotmail.com>
> >
> Subject: [atlas_radio] Atlas 180 meter
> To: atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>
> Date: Tuesday, September 22, 2009, 3:47 PM
>
> Hello group! Just picked up an Atlas 180 and the meter needs to be
> replaced...dead...Does anyone have a 180 parts rig with a meter, and if so,
> how much?
>
> Also looking for the Atlas MT-1 transformer.
>
> Thanks and 73!
>
> Steve WA3JJT
>
> PS. I'm in Erie, PA, where Herb Johnson used to hail from!
>
> ------------------------------------
>
> Yahoo! Groups Links
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> ____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
> [Non-text portions of this message have been removed]
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>

--
Paul Mateer, AA9GG

Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003, CW 29

[Non-text portions of this message have been removed]

457. Re: Atlas 180 meter

Yahoo group: atlas_radio
Date: 2009-09-23 14:40:11 UTC
From: Stephen
Topic: 454 Message: 457

Thanks for the help guys!

--- In atlas_radio@yahoogroups.com, Paul Mateer <paul.aa9gg@...> wrote:
>
> They have one for the 210/215: http://www.rfparts.com/serviceparts.html
>
> On Wed, Sep 23, 2009 at 6:40 AM, dennis hatch <dennishhatch@...>wrote:
>
> >
> >
> > RF Parts may still have some of them.... Thay purchased a few Atlas parts
> > when Atlas went out of business.
> >
> > --- On Tue, 9/22/09, Stephen <stevemillererie@...<stevemillererie%40hotmail.com>>
> > wrote:
> >
> > From: Stephen <stevemillererie@... <stevemillererie%40hotmail.com>
> > >
> > Subject: [atlas_radio] Atlas 180 meter
> > To: atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>
> > Date: Tuesday, September 22, 2009, 3:47 PM
> >
> > Hello group! Just picked up an Atlas 180 and the meter needs to be
> > replaced...dead...Does anyone have a 180 parts rig with a meter, and if so,
> > how much?
> >
> > Also looking for the Atlas MT-1 transformer.
> >
> > Thanks and 73!
> >
> > Steve WA3JJT
> >
> > PS. I'm in Erie, PA, where Herb Johnson used to hail from!
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> >
> > Yahoo! Groups Links
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> > ____
> > Do You Yahoo!?
> > Tired of spam? Yahoo! Mail has the best spam protection around
> > http://mail.yahoo.com
> >
> > [Non-text portions of this message have been removed]
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> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com
> NAQCC 3123, SKCC 4628, FPQRP 2003, CW 29
>
>
> [Non-text portions of this message have been removed]
>

458. 350XL MKII

Yahoo group: atlas_radio
Date: 2009-11-07 15:09:22 UTC
From: jfphp
Topic: 458 Message: 458

I have just got a 350XL MKII SN 2504CA but there are a lot of differences with the 350XL : there is a PCB on the left side of the digital display and the front switch DD doen't switch off the DD but appears to change the resolution or the time of counting (however there is a big problem with the display : it is not shifting to the left with the increased resolution...). The plug in place on the right contains an AF filter with 4 positions 0/2/4/8 and there is a big pcb inside and it is impossible po plug an auxiliairy VFO.... Does anybody get the operating and service manual including the schematics and the layout of the various "new" pcb ? Thanks.

459. Neat Atlas Radio Web site I found

Yahoo group: atlas_radio
Date: 2009-12-13 04:25:10 UTC
From: skipp025
Topic: 459 Message: 459

Neat Atlas Radio Web site I found

http://www.xs4all.nl/~pa0fri/Mods/Atlas215%20stabilizer/Atlas215x%20VFO%20stabilizer.htm

460. RE: [atlas_radio] Neat Atlas Radio Web site I found

Yahoo group: atlas_radio
Date: 2009-12-13 05:21:13 UTC
From: MIKE DURKIN
Topic: 459 Message: 460

yep, thats is a cool addition ....

KC7NOA
>>
>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>

Neat Atlas Radio Web site I found

http://www.xs4all.nl/~pa0fri/Mods/Atlas215%20stabilizer/Atlas215x%20VFO%20stabilizer.htm

_____
Hotmail: Powerful Free email with security by Microsoft.
http://clk.atdmt.com/GBL/go/171222986/direct/01/

[Non-text portions of this message have been removed]

461. Re: Neat Atlas Radio Web site I found

Yahoo group: atlas_radio
Date: 2009-12-13 14:35:44 UTC
From: skipp025
Topic: 459 Message: 461

Actually... the site you want to have a look at is one of
the next pages:

http://www.xs4all.nl/~pa0fri/Mods/Atlas215/AtlasEng.htm

enjoy,
skipp

> "skipp025" <skipp025@...> wrote:
>
> Neat Atlas Radio Web site I found
>
> http://www.xs4all.nl/~pa0fri/Mods/Atlas215%20stabilizer/Atlas215x%20VFO%20stabilizer.htm
>

462. Re: Neat Atlas Radio Web site I found

Yahoo group: atlas_radio
Date: 2009-12-13 16:18:28 UTC
From: Alan Jackson
Topic: 459 Message: 462

Although this group is Kenwood, does anyone know of any good sites for the Atlas 350-XL while on the subject? I inherited a really clean one with the power supply-speaker and want to learn more about it. I have no manual. Thanks

Alan....N5VAB

[Non-text portions of this message have been removed]

463. Re: [atlas_radio] Re: Neat Atlas Radio Web site I found

Yahoo group: atlas_radio
Date: 2009-12-14 19:29:57 UTC
From: Jim
Topic: 459 Message: 463

--- On Sun, 12/13/09, Alan Jackson <n5vab@...> wrote:

> Although this group is Kenwood,

HUH???

-- N6OTQ
group owner

464. RE: [atlas_radio] Neat Atlas Radio Web site I found

Yahoo group: atlas_radio
Date: 2009-12-13 06:11:22 UTC
From: eagle one
Topic: 459   Message: 464

Thank you for sharing it my friend. I appreciate it. 73.

Hanafi - 9W2TZ- Malaysia

--- On Sun, 12/13/09, MIKE DURKIN <Patriot121@...> wrote:

> From: MIKE DURKIN <Patriot121@...>
> Subject: RE: [atlas_radio] Neat Atlas Radio Web site I found
> To: atlas_radio@yahoogroups.com
> Date: Sunday, December 13, 2009, 1:21 PM
>
> yep, thats is a cool addition ....
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>   Neat Atlas Radio Web site I found
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> http://www.xs4all.nl/~pa0fri/Mods/Atlas215%20stabilizer/Atlas215x%20VFO%20stabilizer.htm
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> Hotmail: Powerful Free email with security by Microsoft.
> http://clk.atdmt.com/GBL/go/171222986/direct/01/
> [Non-text portions of this message have been removed]
> ---
> Yahoo! Groups Links
>   atlas_radio-fullfeatured@yahoogroups.com

465. Re: Neat Atlas Radio Web site I found

Yahoo group: atlas_radio
Date: 2009-12-15 23:58:12 UTC
From: skipp025
Topic: 459 Message: 465

The PA0FRI information about the Atlas radio VFO
Stabilizer is really nice. I found it while researching
other VFO Stabilizer information... Those type of
circuits are often called "Huff-puf".

If you have an Atlas Radio that you'd like to optimize,
the other PA0FRI information is really nice and well
worth thinking over/about.

I doubt I'll ever do it... but it might be worth making
up replacement drop in boards that include the best mods.

A retirement project.... if I ever get to retire.

cheers,
skipp

> eagle one <foxbat_alpha@...> wrote:
> Thank you for sharing it my friend. I appreciate it. 73.
> Hanafi - 9W2TZ- Malaysia

>> Neat Atlas Radio Web site I found

http://www.xs4all.nl/~pa0fri/Mods/Atlas215%20stabilizer/Atlas215x%20VFO%20stabilizer.htm

466. Re: Neat Atlas Radio Web site I found

Yahoo group: atlas_radio
Date: 2009-12-18 15:58:21 UTC
From: AA9GG
Topic: 459 Message: 466

Now THAT is a nice page!!! :)

--- In atlas_radio@yahoogroups.com, "skipp025" <skipp025@...> wrote:
>
> Actually... the site you want to have a look at is one of
> the next pages:
>
> http://www.xs4all.nl/~pa0fri/Mods/Atlas215/AtlasEng.htm
>
> enjoy,
> skipp
>
> > "skipp025" <skipp025@> wrote:
> >
> > Neat Atlas Radio Web site I found
> >
> >
http://www.xs4all.nl/~pa0fri/Mods/Atlas215%20stabilizer/Atlas215x%20VFO%20stabilizer.htm
> >
>

467. SIGMA RELAYS FOR 210X

Yahoo group: atlas_radio
Date: 2009-12-30 23:40:42 UTC
From: Alan Thompson
Topic: 467 Message: 467

I am looking for a source for the following SIGMA relays:

77RE3-12DC
77R2-12DC

Alan WB5LNG

468. SIGMA RELAYS FOR 210X

Yahoo group: atlas_radio
Date: 2009-12-31 17:41:27 UTC
From: Paul Mateer
Topic: 467 Message: 468

Try these guys:
http://www.relayspec.com/Company_listings/j/jopp/company_info.htm

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

469. Atlas 210X back on the air

Yahoo group: atlas_radio
Date: 2010-01-01 05:39:53 UTC
From: Kevin B. G. Luxford
Topic: 469 Message: 469

Hi, and a happy New Year to all,

Feeling so pleased that at last I got my Atlas 210X back on the air. A couple of years ago, after 10 years of no use, I plugged it in to the power supply, there was a loud splat, and all the signs of a dead short.

Felt sick. Did not want to know. Atlas sat forlornly, untouched for two years.

Last night, having at last cleared some space on the work bench, opened it up. Found the short was on the high current 13 volt line. Rotated open the power amp (had I done in the hard to get power transistors?) unsoldered the red 13 volt incoming line, and found the short was not there. Resoldered the line. Found that the line goes to PC300. Took this board out and found that C318, a tantalum 22 uF capacitor had blown. Did not have an exact replacement, but had a 47 uF with a higher voltage rating, so used that. Also replace a nearby cap that looked as if it had been affected but the failure. Now all seems to be working OK.

The point of this story is that fear of the unknown and doubt in our own abilities (perhaps based on past failures) can result in inaction, but once the fear the faced, the problem fixing was so simple that one asks, "Why did I not do this before?"

Ah, tempus fugit.

73
Kevin

470. 9 pin noval plugs

Yahoo group: atlas_radio
Date: 2010-01-07 06:00:05 UTC
From: kevingtonbeare
Topic: 470 Message: 470

Hi guys,
Does anyone know a source of 9 pin plugs to mate with 9 pin miniature tube b9a sockets?

Many thanks and 73

VK3DAP / ZL2DAP

471. PC-100

Yahoo group: atlas_radio
Date: 2010-01-09 01:38:16 UTC
From: MIKE DURKIN
Topic: 471 Message: 471

Does any one have a PC-100 or similar that they can be relived of??

Mike
KC7NOA

_____
Hotmail: Trusted email with powerful SPAM protection.
http://clk.atdmt.com/GBL/go/196390707/direct/01/

[Non-text portions of this message have been removed]

472. w7jhp

Yahoo group: atlas_radio
Date: 2010-01-09 06:37:05 UTC
From: Gary Mulford
Topic: 472 Message: 472

Hello:
Does anyone repair a 180, mine took a power surge and needs to be repaired and aligned, I am handicapped and can't see or solder like I used to, I will pay what is required .
Please email me at garymulford@...

Gary Mulford
W7JHP

_____
Your E-mail and More On-the-Go. Get Windows Live Hotmail Free.
http://clk.atdmt.com/GBL/go/196390709/direct/01/

[Non-text portions of this message have been removed]

473. Re: [atlas_radio] PC-100

Yahoo group: atlas_radio
Date: 2010-01-09 16:49:20 UTC
From: Eric Kilijanski
Topic: 471 Message: 473

Mike:

I actually have an Atlas 180 with a Braille dial I am looking to find a god home for. Would you be interested in it?

73's

Eric WA2RKJ
(661) 209-2194 cell
(Left coast location one hour north of Los Angeles)

--- On Fri, 1/8/10, MIKE DURKIN <Patriot121@...> wrote:

From: MIKE DURKIN <Patriot121@...>
Subject: [atlas_radio] PC-100
To: atlas_radio@yahoogroups.com
Date: Friday, January 8, 2010, 5:38 PM

Does any one have a PC-100 or similar that they can be relived of??

Mike
KC7NOA

_____ _____ _____ _____ _____ _____ _
Hotmail: Trusted email with powerful SPAM protection.
http://clk.atdmt. com/GBL/go/ 196390707/ direct/01/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

474. RE: [atlas_radio] PC-100

Yahoo group: atlas_radio
Date: 2010-01-09 17:52:31 UTC
From: Gary Mulford
Topic: 471 Message: 474

Hello:

Yes I would, I am an under employed Electrician in Oregon, so I don't have a lot of money, how much do I need to buy it? I have had a power surge from a lightning storm and lost everything I had.

Sincerely,
Gary
W7JHP

To: atlas_radio@yahoogroups.com
From: wa2rkj@...
Date: Sat, 9 Jan 2010 08:49:20 -0800
Subject: Re: [atlas_radio] PC-100

Mike:

I actually have an Atlas 180 with a Braille dial I am looking to find a god home for. Would you be interested in it?

73's

Eric WA2RKJ

(661) 209-2194 cell

(Left coast location one hour north of Los Angeles)

--- On Fri, 1/8/10, MIKE DURKIN <Patriot121@...> wrote:

From: MIKE DURKIN <Patriot121@...>

Subject: [atlas_radio] PC-100

To: atlas_radio@yahoogroups.com

Date: Friday, January 8, 2010, 5:38 PM

Does any one have a PC-100 or similar that they can be relived of??

Mike

KC7NOA

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Hotmail: Trusted email with powerful SPAM protection.

http://clk.atdmt. com/GBL/go/ 196390707/ direct/01/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

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Hotmail: Powerful Free email with security by Microsoft.
http://clk.atdmt.com/GBL/go/196390710/direct/01/

[Non-text portions of this message have been removed]

475. RE: [atlas_radio] PC-100

Yahoo group: atlas_radio
Date: 2010-01-09 19:08:00 UTC
From: Gary Mulford
Topic: 471 Message: 475

> To: atlas_radio@yahoogroups.com
> From: garymulford@...
> Date: Sat, 9 Jan 2010 09:52:31 -0800
> Subject: RE: [atlas_radio] PC-100
>
>
> Hello:
>
> Yes I would, I am an under employed Electrician in Oregon, so I don't have a lot of money, how much do I need to buy it? I have had a power surge from a lightning storm and lost everything I had.
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> Sincerely,
> Gary
> W7JHP
>
> To: atlas_radio@yahoogroups.com
> From: wa2rkj@...
> Date: Sat, 9 Jan 2010 08:49:20 -0800
> Subject: Re: [atlas_radio] PC-100
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> I actually have an Atlas 180 with a Braille dial I am looking to find a god home for.
Would you be interested in it?
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> Eric WA2RKJ
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> (661) 209-2194 cell
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> (Left coast location one hour north of Los Angeles)
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> --- On Fri, 1/8/10, MIKE DURKIN <Patriot121@...> wrote:
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> From: MIKE DURKIN <Patriot121@...>
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> Subject: [atlas_radio] PC-100
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> To: atlas_radio@yahoogroups.com
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> Date: Friday, January 8, 2010, 5:38 PM
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> Hotmail: Trusted email with powerful SPAM protection.
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> http://clk.atdmt.com/GBL/go/196390710/direct/01/
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[Non-text portions of this message have been removed]

476. RE: [atlas_radio] PC-100

Yahoo group: atlas_radio
Date: 2010-01-09 19:09:48 UTC
From: Gary Mulford
Topic: 471 Message: 476

> To: atlas_radio@yahoogroups.com
> From: garymulford@...
> Date: Sat, 9 Jan 2010 09:52:31 -0800
> Subject: RE: [atlas_radio] PC-100
>
>
> Hello:
>
> Yes I would, I am an under employed Electrician in Oregon, so I don't have a lot of money, how much do I need to buy it? I have had a power surge from a lightning storm and lost everything I had.
>
> Sincerely,
> Gary
> W7JHP
>
> To: atlas_radio@yahoogroups.com
> From: wa2rkj@...
> Date: Sat, 9 Jan 2010 08:49:20 -0800
> Subject: Re: [atlas_radio] PC-100
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> Mike:
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> I actually have an Atlas 180 with a Braille dial I am looking to find a god home for.
Would you be interested in it?
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>
> 73's
>
>
>
> Eric WA2RKJ
>
> (661) 209-2194 cell
>
> (Left coast location one hour north of Los Angeles)
>
>
>
> --- On Fri, 1/8/10, MIKE DURKIN <Patriot121@...> wrote:
>
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>
> From: MIKE DURKIN <Patriot121@...>
>
> Subject: [atlas_radio] PC-100
>
> To: atlas_radio@yahoogroups.com
>
> Date: Friday, January 8, 2010, 5:38 PM
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>
> Does any one have a PC-100 or similar that they can be relived of??
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>
> Mike
>
> KC7NOA
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> Hotmail: Trusted email with powerful SPAM protection.
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[Non-text portions of this message have been removed]

477. RE: [atlas_radio] PC-100

Yahoo group: atlas_radio
Date: 2010-01-09 19:18:10 UTC
From: Eric Kilijanski
Topic: 471 Message: 477

Gary:

I'd have to turn it on and check it. I received it in a trade awhile ago and put it on the shelf as I already have too many projects. Let me see and I'll get back with you.

Eric
WA2RKJ

--- On Sat, 1/9/10, Gary Mulford <garymulford@...> wrote:

From: Gary Mulford <garymulford@...>
Subject: RE: [atlas_radio] PC-100
To: atlas_radio@yahoogroups.com
Date: Saturday, January 9, 2010, 11:09 AM

> To: atlas_radio@ yahoogroups. com
> From: garymulford@ msn.com
> Date: Sat, 9 Jan 2010 09:52:31 -0800
> Subject: RE: [atlas_radio] PC-100
>
>
> Hello:
>
> Yes I would, I am an under employed Electrician in Oregon, so I don't have a lot of money, how much do I need to buy it? I have had a power surge from a lightning storm and lost everything I had.
>
> Sincerely,
> Gary
> W7JHP
>
> To: atlas_radio@ yahoogroups. com
> From: wa2rkj@sbcglobal. net
> Date: Sat, 9 Jan 2010 08:49:20 -0800
> Subject: Re: [atlas_radio] PC-100
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> Mike:
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> I actually have an Atlas 180 with a Braille dial I am looking to find a god home for. Would you be interested in it?
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> 73's
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> Eric WA2RKJ
>
> (661) 209-2194 cell
>
> (Left coast location one hour north of Los Angeles)
>
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>
> --- On Fri, 1/8/10, MIKE DURKIN <Patriot121@msn. com> wrote:
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> From: MIKE DURKIN <Patriot121@msn. com>
>
> Subject: [atlas_radio] PC-100
>
> To: atlas_radio@ yahoogroups. com
>
> Date: Friday, January 8, 2010, 5:38 PM
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> Does any one have a PC-100 or similar that they can be relived of??
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> Mike
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> KC7NOA
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[Non-text portions of this message have been removed]

478. Atlas 210/215: Repairing Acrylic dial drum

Yahoo group: atlas_radio
Date: 2010-01-13 07:20:24 UTC
From: Kevin B. G. Luxford
Topic: 478 Message: 478

Hi guys,

I have been operating recently on my venerable Atlas 210X and noticed that the acrylic dial drum had several splits radiating from the hub. After several days with the covers off, it seemed that one of the splits had grown longer. I have tried repairing the splits using some chloroform that I managed to obtain some time ago. I used a interdental mini toothbrush to pick up the liquid and deposit a drop or two on each crack. Chloroform is highly volatile and motile, and so the liquid quickly ran along the length of each crack by capillary action. It seems that the repair has worked for now - remains to be seen if this is a strong and permanent repair.

Incidentally, chloroform is a very dangerous material. Breathing it could cause death. I used it outside in the open air and was careful to keep the bottle closed when not actually applying the stuff to the work. The bottle is kept in a locked cabinet. After use, the bottle cap was sealed with several layers of adhesive tape.

73
Kevin
VK3DAP ? ZL2DAP

479. Location of Serial Numbers on Atlas 210X

Yahoo group: atlas_radio
Date: 2010-01-13 07:22:32 UTC
From: Kevin B. G. Luxford
Topic: 479 Message: 479

Hi guys,

Could anyone please tell me the location of the serial number on an Atlas 210X? I think that mine is a later model - most of the PC boards have a 'D' suffix.

Many thanks
Kevin
VK3DAP / ZL2DAP

480. Knob for mode switch?

Yahoo group: atlas_radio
Date: 2010-01-13 07:40:03 UTC
From: Mike-WE0H
Topic: 469 Message: 480

Does anyone have a decent knob for the mode switch to sell? Mine is cracked in half.

Thank you,
Mike
WE0H

481. Re: [atlas_radio] Atlas 210/215: Repairing Acrylic dial drum

Yahoo group: atlas_radio
Date: 2010-01-13 13:06:28 UTC
From: dennis hatch
Topic: 478 Message: 481

I drill a small hole at the end of each crack with a number 60 P.C. Board bit to stop the crack migration before solvent bonding....

Dennis, WA0WAB

--- On Wed, 1/13/10, Kevin B. G. Luxford <kevinluxford@...> wrote:

From: Kevin B. G. Luxford <kevinluxford@...>
Subject: [atlas_radio] Atlas 210/215: Repairing Acrylic dial drum
To: atlas_radio@yahoogroups.com
Date: Wednesday, January 13, 2010, 1:20 AM

Hi guys,

I have been operating recently on my venerable Atlas 210X and noticed that the acrylic dial drum had several splits radiating from the hub. After several days with the covers off, it seemed that one of the splits had grown longer. I have tried repairing the splits using some chloroform that I managed to obtain some time ago. I used a interdental mini toothbrush to pick up the liquid and deposit a drop or two on each crack. Chloroform is highly volatile and motile, and so the liquid quickly ran along the length of each crack by capillary action. It seems that the repair has worked for now - remains to be seen if this is a strong and permanent repair.

Incidentally, chloroform is a very dangerous material. Breathing it could cause death. I used it outside in the open air and was careful to keep the bottle closed when not actually applying the stuff to the work. The bottle is kept in a locked cabinet. After use, the bottle cap was sealed with several layers of adhesive tape.

73
Kevin
VK3DAP ? ZL2DAP

Yahoo! Groups Links

[Non-text portions of this message have been removed]

482. Re: [atlas_radio] Atlas 210/215: Repairing Acrylic dial drum

Yahoo group: atlas_radio
Date: 2010-01-13 13:08:27 UTC
From: Jerry Spears
Topic: 478 Message: 482

HI Kevin I put a small hose clamp around the hub, Jerry

From: Kevin B. G. Luxford <kevinluxford@...>
To: atlas_radio@yahoogroups.com
Sent: Wed, January 13, 2010 2:20:24 AM
Subject: [atlas_radio] Atlas 210/215: Repairing Acrylic dial drum

Hi guys,

I have been operating recently on my venerable Atlas 210X and noticed that the acrylic dial drum had several splits radiating from the hub. After several days with the covers off, it seemed that one of the splits had grown longer. I have tried repairing the splits using some chloroform that I managed to obtain some time ago. I used a interdental mini toothbrush to pick up the liquid and deposit a drop or two on each crack. Chloroform is highly volatile and motile, and so the liquid quickly ran along the length of each crack by capillary action. It seems that the repair has worked for now - remains to be seen if this is a strong and permanent repair.

Incidentally, chloroform is a very dangerous material. Breathing it could cause death. I used it outside in the open air and was careful to keep the bottle closed when not actually applying the stuff to the work. The bottle is kept in a locked cabinet. After use, the bottle cap was sealed with several layers of adhesive tape.

73
Kevin
VK3DAP ? ZL2DAP

[Non-text portions of this message have been removed]

483. Knob for mode switch? Face plate?

Yahoo group: atlas_radio
Date: 2010-01-21 00:11:18 UTC
From: Mike-WE0H
Topic: 469 Message: 483

Anyone have this mode switch knob or a face plate? I have one broken knob and my face plate paint is pealing off.

Mike
WE0H

484. RE: [atlas_radio] Knob for mode switch? Face plate?

Yahoo group: atlas_radio
Date: 2010-01-21 00:47:47 UTC
From: MIKE DURKIN
Topic: 469 Message: 484

On what radio?? 350XL ??

To: atlas_radio@yahoogroups.com
From: we0h@yahoo.com
Date: Wed, 20 Jan 2010 18:11:18 -0600
Subject: [atlas_radio] Knob for mode switch? Face plate?

Anyone have this mode switch knob or a face plate? I have one broken

knob and my face plate paint is pealing off.

Mike

WE0H

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[Non-text portions of this message have been removed]

485. Re: [atlas_radio] Knob for mode switch? Face plate?

Yahoo group: atlas_radio
Date: 2010-01-21 01:07:32 UTC
From: Mike-WE0H
Topic: 469 Message: 485

That is a good question...210x.

Forgot to mention that important point...oops

Mike
WE0H

MIKE D wrote:
> On what radio?? 350XL ??

486. Re: [atlas_radio] Knob for mode switch? Face plate?

Yahoo group: atlas_radio
Date: 2010-01-22 03:51:35 UTC
From: Jim
Topic: 469 Message: 486

A while back I thought about getting new faceplates made ... except that there were so many of the various Atlas models made that it would be difficult to cover the full range, and also would incur a lot of set-up charges unless I could arrange a deal like what the Atlas factory must have done.
I'd also need a relatively clean sample of EVERY faceplate I wanted to duplicate ....

A "low rent" solution would be to have a vinyl sticker made, but most of the sticker places are set up for relative low resolution like 300 DPI -- nowadays a laserprinter does like 1200 DPI (or higher) and a decent ink jet printer does 600 DPI.

Jim N6OTQthe frequently invisible group owner
--- On Wed, 1/20/10, Mike-WE0H <we0h@...> wrote:
Anyone have this mode switch knob or a face plate? I have one broken
knob and my face plate paint is pealing off.

[Non-text portions of this message have been removed]

487. Re: [atlas_radio] Knob for mode switch? Face plate? 210x

Yahoo group: atlas_radio
Date: 2010-01-22 11:16:42 UTC
From: Mike-WE0H
Topic: 469 Message: 487

Hi Jim,
It is looking like my rig will just end up being that ugly duckling rig that gets used when I get around to it...It sure would be nice to bring it back to flawless condition but that doesn't look like that is gonna happen. I did repair it otherwise so it functions perfect.

Mike
WE0H

Jim wrote:
>
>
> A while back I thought about getting new faceplates made ... except that
> there were so many of the various Atlas models made that it would be
> difficult to cover the full range, and also would incur a lot of set-up
> charges unless I could arrange a deal like what the Atlas factory must
> have done.
> I'd also need a relatively clean sample of EVERY faceplate I wanted to
> duplicate ....
>
> A "low rent" solution would be to have a vinyl sticker made, but most of
> the sticker places are set up for relative low resolution like 300 DPI
> -- nowadays a laserprinter does like 1200 DPI (or higher) and a decent
> ink jet printer does 600 DPI.
>
> Jim N6OTQthe frequently invisible group owner

488. Re: Knob for mode switch? Face plate?

Yahoo group: atlas_radio
Date: 2010-01-23 03:42:32 UTC
From: darrellhuth
Topic: 469 Message: 488

I think I do have a Atlas 210 face plate in the garage, Free to a good home....email me if you want it!
--- In atlas_radio@yahoogroups.com, Mike-WE0H <we0h@...> wrote:
>
> Anyone have this mode switch knob or a face plate? I have one broken
> knob and my face plate paint is pealing off.
>
> Mike
> WE0H
>

489. RE: [atlas_radio] Re: Knob for mode switch? Face plate?

Yahoo group: atlas_radio
Date: 2010-01-23 05:23:43 UTC
From: MIKE DURKIN
Topic: 469 Message: 489

Do you have a case and PC100(or similar) for that 210 you would let go of?
I have a 180 i would like to get back into operation ...

Mike
KC7NOA

BTY .. whats it like running 600 meters ??

To: atlas_radio@yahoogroups.com
From: dh1338@...
Date: Sat, 23 Jan 2010 03:42:32 +0000
Subject: [atlas_radio] Re: Knob for mode switch? Face plate?

I think I do have a Atlas 210 face plate in the garage, Free to a good home....email me if you want it!

--- In atlas_radio@yahoogroups.com, Mike-WE0H <we0h@...> wrote:

>

> Anyone have this mode switch knob or a face plate? I have one broken

> knob and my face plate paint is pealing off.

>

> Mike

> WE0H

>

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[Non-text portions of this message have been removed]

490. Re: [atlas_radio] Re: Knob for mode switch? Face plate? 210x

Yahoo group: atlas_radio
Date: 2010-01-23 05:36:12 UTC
From: Mike-WE0H
Topic: 469 Message: 490

Hi Mike,

600 meters is fun. I run CW mostly, some PSK-31 and gonna try WSPR after I master receiving with it. Working on the receiving WSPR tonight. Going to take some time to get it all figured out so I get decodes when I should be getting them. The band has excellent propagation. It doesn't take much power to cover all of North America with a 70' vertical. I run 100w output.

As far as spare Atlas parts, I don't have anything other than my complete 210x which works 100%. It just has a ugly face plate and one half of a knob on the mode switch. The radio was given to me by an old timer who is a SK now. It needed a bit of work to get it operational. The broken off half of the knob was not in the box so I can't glue it back together. I was originally gonna mod the radio to cover 600 meters but after I seen how easy it was to repair it, I decided to leave it on the HF bands. It was called a basket case when it was given to me. Not no more...

Mike
WE0H

MIKE DURKIN wrote:
> Do you have a case and PC100(or similar) for that 210 you would let go of?
> I have a 180 i would like to get back into operation ...
>
> Mike
> KC7NOA
>
> BTY .. whats it like running 600 meters ??

491. Re: [atlas_radio] Re: Knob for mode switch? Face plate?

Yahoo group: atlas_radio
Date: 2010-01-23 05:40:29 UTC
From: Mike-WE0H
Topic: 469 Message: 491

I emailed you direct. That face plate would be perfect to replace my
ugly face plate. My paint is pealing off all over the place.

Thank you much,
Mike
WE0H

darrellhuth wrote:
>
>
>
> I think I do have a Atlas 210 face plate in the garage, Free to a good
> home....email me if you want it!

492. RE: [atlas_radio] Re: Knob for mode switch? Face plate? 210x

Yahoo group: atlas_radio
Date: 2010-01-23 05:57:59 UTC
From: MIKE DURKIN
Topic: 469 Message: 492

Dang it .. i hate it when i do that ... i meant the part of the PC100 and case for dh1338@ ...

Hope you get the face plate and for me .. the parts i need.

or else im going to give up and cannibalize a 350XL i have for parts.

> To: atlas_radio@yahoogroups.com
> From: we0h@...
> Date: Fri, 22 Jan 2010 23:36:12 -0600
> Subject: Re: [atlas_radio] Re: Knob for mode switch? Face plate? 210x
>
> Hi Mike,
>
> 600 meters is fun. I run CW mostly, some PSK-31 and gonna try WSPR after
> I master receiving with it. Working on the receiving WSPR tonight. Going
> to take some time to get it all figured out so I get decodes when I
> should be getting them. The band has excellent propagation. It doesn't
> take much power to cover all of North America with a 70' vertical. I run
> 100w output.
>
> As far as spare Atlas parts, I don't have anything other than my
> complete 210x which works 100%. It just has a ugly face plate and one
> half of a knob on the mode switch. The radio was given to me by an old
> timer who is a SK now. It needed a bit of work to get it operational.
> The broken off half of the knob was not in the box so I can't glue it
> back together. I was originally gonna mod the radio to cover 600 meters
> but after I seen how easy it was to repair it, I decided to leave it on
> the HF bands. It was called a basket case when it was given to me. Not
> no more...
>
> Mike
> WE0H
>
>
>
> MIKE DURKIN wrote:
> > Do you have a case and PC100(or similar) for that 210 you would let go of?
> > I have a 180 i would like to get back into operation ...
> >
> > Mike
> > KC7NOA
> >
> > BTY .. whats it like running 600 meters ??
>
>

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[Non-text portions of this message have been removed]

493. Re: [atlas_radio] Re: Knob for mode switch? Face plate? 210x

Yahoo group: atlas_radio
Date: 2010-01-23 06:04:41 UTC
From: Mike-WE0H
Topic: 469 Message: 493

Ah funny. Don't take the 350 apart yet. Someone out there has a part for you. Keep looking and posting on many forums, Groups & email reflectors. Someone will read your post and offer something. I never thought I would ever find a faceplate for my 210x. Now to find a knob for that mode switch and it will be looking pretty decent.

Many years ago I owned a near perfect 210x & a 215x. I never should have sold them.

Mike
WE0H

MIKE D wrote:
> Dang it .. i hate it when i do that ... i meant the part of the PC100 and case for dh1338@ ...
>
> Hope you get the face plate and for me .. the parts i need.
>
> or else im going to give up and cannibalize a 350XL i have for parts.

494. RE: [atlas_radio] Re: Knob for mode switch? Face plate?

Yahoo group: atlas_radio
Date: 2010-01-23 15:29:35 UTC
From: darrell huth
Topic: 469 Message: 494

Mike:

Send me your address, I"ll get it out to you.....Darrell / WB6VHK

To: atlas_radio@yahoogroups.com
From: we0h@...
Date: Fri, 22 Jan 2010 23:40:29 -0600
Subject: Re: [atlas_radio] Re: Knob for mode switch? Face plate?

I emailed you direct. That face plate would be perfect to replace my

ugly face plate. My paint is pealing off all over the place.

Thank you much,

Mike

WE0H

darrellhuth wrote:

>

>

>

> I think I do have a Atlas 210 face plate in the garage, Free to a good

> home....email me if you want it!

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[Non-text portions of this message have been removed]

495. Re: [atlas_radio] Re: Knob for mode switch? Face plate?

Yahoo group: atlas_radio
Date: 2010-01-24 01:26:14 UTC
From: Mike-WE0H
Topic: 469 Message: 495

Darrell,

Did you get my address emailed to you direct?

Mike
WE0H

Darrell-WB6VHK wrote:
> Mike:
>
> Send me your address, I"ll get it out to you.....Darrell / WB6VHK

496. Switch

Yahoo group: atlas_radio
Date: 2010-01-24 01:56:58 UTC
From: eldon
Topic: 496 Message: 496

I need a waffer switch for my 215X
The Off/Cal/Rec/Trans/Cw Switch
If any one has a 210/215 they are parting out

Eldon K5EBI

497. 210x with Noise Blanker forsale

Yahoo group: atlas_radio
Date: 2010-02-14 20:00:43 UTC
From: WE0H
Topic: 497 Message: 497

I just bought a Yaesu FT-7b at HamCation and would like to move my 210x out the door now. I figure it would be best to see if anyone here needs another before it goes on eBay. The mode switch is cracked in half and only one half of the plastic knob is there. The aluminum disc on the VFO knob is missing. The original VFO bottom cover was missing but I put a plate on there when I did the alignment in 2009. The faceplate has flaked paint. It could be touched up. The radio works 100% as it should. I am not home so I can't post pictures. I will be home in a week. Any interest? No clue on the value. Not interested in making a ton of money on this radio either. I got it for a good deal and it will go to someone for a good deal. Trade's are welcome too.

Mike
WE0H

498. RE: [atlas_radio] 210x with Noise Blanker forsale

Yahoo group: atlas_radio
Date: 2010-02-14 22:39:33 UTC
From: MIKE DURKIN
Topic: 497 Message: 498

Id love to have it .... but im broke (im a student under TAA/TRA now) and i still cant get my Atlas180 carrier balance to behave ... Mabey by the time you get home i might have skimmed a few bucks for my cause.

Mike
KC7NOA

To: atlas_radio@yahoogroups.com
From:
Date: Sun, 14 Feb 2010 20:00:43 +0000
Subject: [atlas_radio] 210x with Noise Blanker forsale

I just bought a Yaesu FT-7b at HamCation and would like to move my 210x out the door now. I figure it would be best to see if anyone here needs another before it goes on eBay. The mode switch is cracked in half and only one half of the plastic knob is there. The aluminum disc on the VFO knob is missing. The original VFO bottom cover was missing but I put a plate on there when I did the alignment in 2009. The faceplate has flaked paint. It could be touched up. The radio works 100% as it should. I am not home so I can't post pictures. I will be home in a week. Any interest? No clue on the value. Not interested in making a ton of money on this radio either. I got it for a good deal and it will go to someone for a good deal. Trade's are welcome too.

Mike

WE0H

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http://clk.atdmt.com/GBL/go/201469229/direct/01/

[Non-text portions of this message have been removed]

499. 210x

Yahoo group: atlas_radio
Date: 2010-02-16 02:17:42 UTC
From: Chuck
Topic: 499 Message: 499

I need some CD2545's for my 210x or something to replace them with. Anyone know where I can get some?

500. RE: [atlas_radio] 210x

Yahoo group: atlas_radio
Date: 2010-02-16 03:32:02 UTC
From: MIKE DURKIN
Topic: 499 Message: 500

I have 4 in a Atlas 350Xl PA. Or you could just use MRF455's or MRF454 or even 2SC2290's work well too.... Kinda depends on where you want your max power at?? I used a pair of MRF454's in a my Atlas180 (though im kinda wishing i used MRF455's now) Output on 160M is 150W but drops down to 70W on 20M ... your surly to have slightly different results.....

Mike
KC7NOA

To: atlas_radio@yahoogroups.com
From:
Date: Tue, 16 Feb 2010 02:17:42 +0000
Subject: [atlas_radio] 210x

I need some CD2545's for my 210x or something to replace them with. Anyone know where I can get some?

__.snip

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Your E-mail and More On-the-Go. Get Windows Live Hotmail Free.
http://clk.atdmt.com/GBL/go/201469229/direct/01/

[Non-text portions of this message have been removed]

501. Atlas 210x

Yahoo group: atlas_radio
Date: 2010-03-11 03:04:20 UTC
From: bonapart2003
Topic: 501 Message: 501

Looking for a meter....any help? Jerry

502. RE: [atlas_radio] Atlas 210x

Yahoo group: atlas_radio
Date: 2010-03-11 03:26:59 UTC
From: MIKE DURKIN
Topic: 501 Message: 502

I have a 2meter ...

To: atlas_radio@yahoogroups.com
From: jerryind@sbcglobal.net
Date: Thu, 11 Mar 2010 03:04:20 +0000
Subject: [atlas_radio] Atlas 210x

Looking for a meter....any help? Jerry

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Your E-mail and More On-the-Go. Get Windows Live Hotmail Free.
http://clk.atdmt.com/GBL/go/201469229/direct/01/

[Non-text portions of this message have been removed]

503. Re: [atlas_radio] Atlas 210x

Yahoo group: atlas_radio
Date: 2010-03-11 04:42:27 UTC
From: Paul Mateer
Topic: 501 Message: 503

```
I can't remember the company name now...but there is a link to them
here somewhere, they have NOS meters for the 210x.

What the heck was the name of that place??

On 3/10/10, MIKE DURKIN <Patriot121@...> wrote:
>
> I have a 2meter ...
>
> To: atlas_radio@yahoogroups.com
> From: jerryind@...
> Date: Thu, 11 Mar 2010 03:04:20 +0000
> Subject: [atlas_radio] Atlas 210x
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> Yahoo! Groups Links
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Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

504. RE: [atlas_radio] Atlas 210x

Yahoo group: atlas_radio
Date: 2010-03-11 13:44:25 UTC
From: Jerry Spears
Topic: 501 Message: 504

Hi Mike we have talked before as I have a 210x and 350xl. As a long time ham and retired engineer, I love those rigs. I use my 210x on cw a lot as I love the Rx. Mike how much for the meter and shipping? Thanks again Jerry

--- On Wed, 3/10/10, MIKE DURKIN <Patriot121@...> wrote:

> From: MIKE DURKIN <Patriot121@...>
> Subject: RE: [atlas_radio] Atlas 210x
> To: atlas_radio@yahoogroups.com
> Date: Wednesday, March 10, 2010, 10:26 PM
>
> I have a 2meter ...
>
> To: atlas_radio@yahoogroups.com
> From: jerryind@sbcglobal.net
> Date: Thu, 11 Mar 2010 03:04:20 +0000
> Subject: [atlas_radio] Atlas 210x
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> Looking for a meter....any help?
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>
>   atlas_radio-fullfeatured@yahoogroups.com
>
>
>

505. Re: [atlas_radio] Atlas 210x

Yahoo group: atlas_radio
Date: 2010-03-11 13:46:25 UTC
From: Jerry Spears
Topic: 501 Message: 505

Hi Paul thanks for the response, if you come up with the name of the co. I would appreciate it. As a retired engineer and long time ham I love those Atlas rigs I have a 350 and 210x. Regards Jerry

--- On Wed, 3/10/10, Paul Mateer <paul.aa9gg@...> wrote:

From: Paul Mateer <paul.aa9gg@gmail.com>
Subject: Re: [atlas_radio] Atlas 210x
To: atlas_radio@yahoogroups.com
Date: Wednesday, March 10, 2010, 11:42 PM

I can't remember the company name now...but there is a link to them

here somewhere, they have NOS meters for the 210x.

What the heck was the name of that place??

On 3/10/10, MIKE DURKIN <Patriot121@msn. com> wrote:

>

> I have a 2meter ...

>

> To: atlas_radio@ yahoogroups. com

> From: jerryind@sbcglobal. net

> Date: Thu, 11 Mar 2010 03:04:20 +0000

> Subject: [atlas_radio] Atlas 210x

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> Looking for a meter....any help? Jerry

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Paul Mateer, AA9GG

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[Non-text portions of this message have been removed]

506. Re: [atlas_radio] Atlas 210x

Yahoo group: atlas_radio
Date: 2010-03-11 15:15:58 UTC
From: Mike Williamson
Topic: 501 Message: 506

Hi Jerry,

I have three 350 XLs. One works pretty well now , the other two not so well. I am determined to complete repairs, time allowing, on the other two. I have a fourth for parts. Always good to make contact with other 350 XL owners. I have been all over one of these rigs trying to figure out why it won't transmit. I got it to Tx for about five minutes in a QSO and then it died. The RX is great.

Previous owners apparently like to tweek on things and usually end up leaving things in a mess.

Maybe we can help each other out. Stay in touch.

73
Mike
KA5DVR

--- On Thu, 3/11/10, Jerry Spears <jerryind@...> wrote:

From: Jerry Spears <jerryind@sbcglobal.net>
Subject: Re: [atlas_radio] Atlas 210x
To: atlas_radio@...m
Date: Thursday, March 11, 2010, 6:46 AM

Hi Paul thanks for the response, if you come up with the name of the co. I would appreciate it. As a retired engineer and long time ham I love those Atlas rigs I have a 350 and 210x.
Regards Jerry

--- On Wed, 3/10/10, Paul Mateer <paul.aa9gg@gmail. com> wrote:

From: Paul Mateer <paul.aa9gg@gmail. com>
Subject: Re: [atlas_radio] Atlas 210x
To: atlas_radio@ yahoogroups. com
Date: Wednesday, March 10, 2010, 11:42 PM

I can't remember the company name now...but there is a link to them

here somewhere, they have NOS meters for the 210x.

What the heck was the name of that place??

On 3/10/10, MIKE DURKIN <Patriot121@ msn. com> wrote:

>

> I have a 2meter ...

>

> To: atlas_radio@ yahoogroups. com

> From: jerryind@sbcglobal. net

> Date: Thu, 11 Mar 2010 03:04:20 +0000

> Subject: [atlas_radio] Atlas 210x

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> Looking for a meter....any help? Jerry

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Paul Mateer, AA9GG

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[Non-text portions of this message have been removed]

507. Re: [atlas_radio] Atlas 210x

Yahoo group: atlas_radio
Date: 2010-03-11 16:13:08 UTC
From: Paul Mateer
Topic: 501 Message: 507

The company is RF Parts

On Thu, Mar 11, 2010 at 9:15 AM, Mike Williamson <rvd151a0k0@...>wrote:

>
>
> Hi Jerry,
>
> I have three 350 XLs. One works pretty well now , the other two not so
> well. I am determined to complete repairs, time allowing, on the other
> two. I have a fourth for parts. Always good to make contact with other 350
> XL owners. I have been all over one of these rigs trying to figure out why
> it won't transmit. I got it to Tx for about five minutes in a QSO and then
> it died. The RX is great.
>
> Previous owners apparently like to tweek on things and usually end up
> leaving things in a mess.
>
> Maybe we can help each other out. Stay in touch.
>
> 73
> Mike
> KA5DVR
>
> --- On Thu, 3/11/10, Jerry Spears <jerryind@...<jerryind%40sbcglobal.net>>
> wrote:
>
> From: Jerry Spears <jerryind@... <jerryind%40sbcglobal.net>>
>
> Subject: Re: [atlas_radio] Atlas 210x
> To: atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>
> Date: Thursday, March 11, 2010, 6:46 AM
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>
> Hi Paul thanks for the response, if you come up with the name of the co. I
> would appreciate it. As a retired engineer and long time ham I love those
> Atlas rigs I have a 350 and 210x. Regards Jerry
>
> --- On Wed, 3/10/10, Paul Mateer <paul.aa9gg@gmail. com> wrote:
>
> From: Paul Mateer <paul.aa9gg@gmail. com>
> Subject: Re: [atlas_radio] Atlas 210x
> To: atlas_radio@ yahoogroups. com

> Date: Wednesday, March 10, 2010, 11:42 PM
>
>
>
> I can't remember the company name now...but there is a link to them
>
> here somewhere, they have NOS meters for the 210x.
>
> What the heck was the name of that place??
>
> On 3/10/10, MIKE DURKIN <Patriot121@ msn. com> wrote:
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> >
>
> > I have a 2meter ...
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>
> > To: atlas_radio@ yahoogroups. com
>
> > From: jerryind@sbcglobal. net
>
> > Date: Thu, 11 Mar 2010 03:04:20 +0000
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> > Subject: [atlas_radio] Atlas 210x
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> Paul Mateer, AA9GG
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Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

508. Re: [atlas_radio] Atlas 210x

Yahoo group: atlas_radio
Date: 2010-03-11 15:18:53 UTC
From: dennis hatch
Topic: 501 Message: 508

R.F. Parts used to have them available....

--- On Wed, 3/10/10, bonapart2003 <jerryind@...> wrote:

From: bonapart2003 <jerryind@sbcglobal.net>
Subject: [atlas_radio] Atlas 210x
To: atlas_radio@yahoogroups.com
Date: Wednesday, March 10, 2010, 9:04 PM

Looking for a meter....any help? Jerry

Yahoo! Groups Links

[Non-text portions of this message have been removed]

509. Re: [atlas_radio] Atlas 210x

Yahoo group: atlas_radio
Date: 2010-03-11 18:50:27 UTC
From: Paul Mateer
Topic: 501 Message: 509

from the archive:

www.rfparts.com

No swan parts.....at one time, Merit (the owner)was an Atlas servicer and purchased leftover parts from Herb Johnson which consisted mainly of VFO dials, PA transistors and "S" meters. He doesn't advertise the dials, but he had them as of 5 years ago last time he and I chatted. You will most likely need to speak with him, try 1-800RFPARTS.

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

510. DD-6C

Yahoo group: atlas_radio
Date: 2010-03-13 11:47:52 UTC
From: MIKE DURKIN
Topic: 510 Message: 510

Im parting out my last Atlas mobile. A Atlas 180 and i no longer need the DD-6C. Im looking for 100$ pluss shipping and im offering it here first before its put on the Bay.

Mike
KC7NOA

I actually have 2 but the other DD-6 doesn't count right.

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[Non-text portions of this message have been removed]

511. RE: Atlas210x--> DD-6C

Yahoo group: atlas_radio
Date: 2010-03-13 14:58:46 UTC
From: MIKE DURKIN
Topic: 511 Message: 511

Wow, i was surprised i could find the actual paypal transaction!!!

Mar 5, 2005

Payment To
Dukeshifi
Completed

-$155.50
$ 0.00
-$155.50 USD
Its been awhile since i bought it as you can see ....
To: atlas210x-215x@yahoogroups.com
From: Patriot121@...
Date: Sat, 13 Mar 2010 06:36:16 -0800
Subject: RE: Atlas210x--> DD-6C

Sadly i paid more for it . The Atlas 180 that it used to be on had a broken dial that the seller seemed to not mention or not know about even though claimed to had used it for years. (does this sound like the Bay items??)

Mike

KC7NOA

> To: atlas210x-215x@yahoogroups.com

> From:

> Date: Sat, 13 Mar 2010 07:05:55 -0500

> Subject: Re: Atlas210x--> DD-6C

>

> Wow- had no idea they were worth that amount.

>

> On Sat, Mar 13, 2010 at 6:47 AM, MIKE DURKIN <Patriot121@...> wrote:

>

> >

> >

> >

> > Im parting out my last Atlas mobile. A Atlas 180 and i no longer need the

> > DD-6C. Im looking for 100$ pluss shipping and im offering it here first

> > before its put on the Bay.

> >

> > Mike

> > KC7NOA

> >

> > I actually have 2 but the other DD-6 doesn't count right.

> >

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[Non-text portions of this message have been removed]

512. RE: [atlas_radio] DD-6C

Yahoo group: atlas_radio
Date: 2010-03-13 21:45:25 UTC
From: Gary Mulford
Topic: 510 Message: 512

Hello Mike:
Is the DD6C and the dial still available?
Gary
W7JHP

To: atlas210x-215x@yahoogroups.com; atlas_radio@yahoogroups.com
From: Patriot121@msn.com
Date: Sat, 13 Mar 2010 03:47:52 -0800
Subject: [atlas_radio] DD-6C

Im parting out my last Atlas mobile. A Atlas 180 and i no longer need the DD-6C. Im looking for 100$ pluss shipping and im offering it here first before its put on the Bay.

Mike

KC7NOA

I actually have 2 but the other DD-6 doesn't count right.

Hotmail: Trusted email with powerful SPAM protection.

http://clk.atdmt.com/GBL/go/210850553/direct/01/

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[Non-text portions of this message have been removed]

513. Re: DD-6C

Yahoo group: atlas_radio
Date: 2010-03-14 10:55:06 UTC
From: Stephen
Topic: 510 Message: 513

Mike, My 180 meter is dead. Would you be willing to sell me the meter?

Steve WA3JJT

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
>
> Im parting out my last Atlas mobile. A Atlas 180 and i no longer need the DD-6C. Im looking for 100$ pluss shipping and im offering it here first before its put on the Bay.
>
> Mike
> KC7NOA
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> I actually have 2 but the other DD-6 doesn't count right.
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514. RE: [atlas_radio] DD-6C

Yahoo group: atlas_radio
Date: 2010-03-27 04:40:18 UTC
From: MIKE DURKIN
Topic: 510 Message: 514

Well i have not heard form Gary (W7JHP) in over a week about the cost..... so ill assume that he was not interested after all.

Was any one interested in a DD-6C ??

I haven't pulled the PC-600 yet but will ....

Mike
KC7NOA

> To: atlas_radio@yahoogroups.com
> From: garymulford@...
> Date: Sat, 13 Mar 2010 13:45:25 -0800
> Subject: RE: [atlas_radio] DD-6C
>
>
> Hello Mike:
> Is the DD6C and the dial still available?
> Gary
> W7JHP
>
> To: atlas210x-215x@yahoogroups.com; atlas_radio@yahoogroups.com
> From: Patriot121@...
> Date: Sat, 13 Mar 2010 03:47:52 -0800
> Subject: [atlas_radio] DD-6C
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> Mike
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> I actually have 2 but the other DD-6 doesn't count right.
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[Non-text portions of this message have been removed]

515. RE: [atlas_radio] DD-6C

Yahoo group: atlas_radio
Date: 2010-03-27 18:53:57 UTC
From: Gary Mulford
Topic: 510 Message: 515

Sorry Mike, I will have to wait until the next one

Gary

To: atlas_radio@yahoogroups.com; atlas210x-215x@yahoogroups.com
From: Patriot121@...
Date: Fri, 26 Mar 2010 21:40:18 -0700
Subject: RE: [atlas_radio] DD-6C

Well i have not heard form Gary (W7JHP) in over a week about the cost..... so ill assume that he was not interested after all.

Was any one interested in a DD-6C ??

I haven't pulled the PC-600 yet but will ....

Mike

KC7NOA

> To: atlas_radio@yahoogroups.com

> From: garymulford@...

> Date: Sat, 13 Mar 2010 13:45:25 -0800

> Subject: RE: [atlas_radio] DD-6C

>

>

> Hello Mike:

> Is the DD6C and the dial still available?

> Gary

> W7JHP

>

> To: atlas210x-215x@yahoogroups.com; atlas_radio@yahoogroups.com

> From: Patriot121@msn.com

> Date: Sat, 13 Mar 2010 03:47:52 -0800

> Subject: [atlas_radio] DD-6C

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> Im parting out my last Atlas mobile. A Atlas 180 and i no longer need the DD-6C. Im looking for 100$ pluss shipping and im offering it here first before its put on the Bay.

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> Mike

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> KC7NOA

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> I actually have 2 but the other DD-6 doesn't count right.

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> Hotmail: Trusted email with powerful SPAM protection.

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http://www.windowslive.com/campaign/thenewbusy?ocid=PID27925::T:WLMTAGL:ON:WL:en-US:WM_HMP:032010_3

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

516. RE: [atlas_radio] DD-6C

Yahoo group: atlas_radio
Date: 2010-03-27 23:13:04 UTC
From: Stephen Miller, Jr.
Topic: 510 Message: 516

Does anyone have a meter for a 180?

Steve WA3JJT

> To: atlas_radio@yahoogroups.com
> From: garymulford@...
> Date: Sat, 27 Mar 2010 11:53:57 -0700
> Subject: RE: [atlas_radio] DD-6C
>
>
> Sorry Mike, I will have to wait until the next one
>
> Gary
>
> To: atlas_radio@yahoogroups.com; atlas210x-215x@yahoogroups.com
> From: Patriot121@...
> Date: Fri, 26 Mar 2010 21:40:18 -0700
> Subject: RE: [atlas_radio] DD-6C
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>
> Well i have not heard form Gary (W7JHP) in over a week about the cost..... so ill assume that he was not interested after all.
>
>
>
> Was any one interested in a DD-6C ??
>
>
>
> I haven't pulled the PC-600 yet but will ....
>
>
>
> Mike
>
> KC7NOA
>
>
>
> > To: atlas_radio@yahoogroups.com
>
> > From: garymulford@...
>
> > Date: Sat, 13 Mar 2010 13:45:25 -0800
>
> > Subject: RE: [atlas_radio] DD-6C
>
> >
>
> >
>
> > Hello Mike:
>
> > Is the DD6C and the dial still available?
>
> > Gary
>
> > W7JHP
>
> >
>
> > To: atlas210x-215x@yahoogroups.com; atlas_radio@yahoogroups.com
>
> > From: Patriot121@...
>
> > Date: Sat, 13 Mar 2010 03:47:52 -0800
>

> > Subject: [atlas_radio] DD-6C
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>
> > Im parting out my last Atlas mobile. A Atlas 180 and i no longer need the DD-6C. Im looking for 100$ pluss shipping and im offering it here first before its put on the Bay.
>
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> > Mike
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> > KC7NOA
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> > I actually have 2 but the other DD-6 doesn't count right.
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> > Hotmail: Trusted email with powerful SPAM protection.
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>
> > http://clk.atdmt.com/GBL/go/210850553/direct/01/

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> > Hotmail is redefining busy with tools for the New Busy. Get more from your inbox.
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> > http://www.windowslive.com/campaign/thenewbusy?ocid=PID27925::T:WLMTAGL:ON:WL:en-US:WM

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> > Yahoo! Groups Links
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> http://www.windowslive.com/campaign/thenewbusy?ocid=PID27925::T:WLMTAGL:ON:WL:en-US:WM_H
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

517. Docking My 210X

Yahoo group: atlas_radio
Date: 2010-04-01 00:40:11 UTC
From: wd5iky
Topic: 517 Message: 517

Just got my (new to me) 210X back from Rick Jacinth in Oceanside.
I cleaned up the AC 117/230 Docking Station (it was in nasty shape).
It's putting out proper DC voltage, but I can't get the 210X to fire up when it's docked.
Just expanded the banana plug male plugs on the rig and the ground plug on the power supply...still, nothing.

Any suggestions, hints, experiences, etc. would be appreciated.
Thanks and
73,
Duncan
XE1/WD5IKY
San Miguel de Allende, GTO, Mexico

518. Re: [atlas_radio] Docking My 210X

Yahoo group: atlas_radio
Date: 2010-04-01 16:13:47 UTC
From: Paul Mateer
Topic: 517 Message: 518

Do you have a way to fire-up the radio with out the docking station?

On Wed, Mar 31, 2010 at 7:40 PM, wd5iky <wd5iky@...> wrote:

>
>
> Just got my (new to me) 210X back from Rick Jacinth in Oceanside.
> I cleaned up the AC 117/230 Docking Station (it was in nasty shape).
> It's putting out proper DC voltage, but I can't get the 210X to fire up
> when it's docked.
> Just expanded the banana plug male plugs on the rig and the ground plug on
> the power supply...still, nothing.
>
> Any suggestions, hints, experiences, etc. would be appreciated.
> Thanks and
> 73,
> Duncan
> XE1/WD5IKY
> San Miguel de Allende, GTO, Mexico
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

519. Re: Docking My 210X

Yahoo group: atlas_radio
Date: 2010-04-04 19:27:31 UTC
From: wd5iky
Topic: 517 Message: 519

Paul,
Yep, already tried it out on another 12volt supply. Actually put it on the air earlier today.
That docking station is weird...getting voltage 18+ and 12+ on the two banana receptacles and have tried using some jumpers from the docking station to the rig...nothing. But the next moment I run the jumpers to the Astron PS and the rig fires up.
Again, VOM is showing DC voltage on the d-station.
This one has become a real puzzler.
Duncan
XE1/WD5IKY

--- In atlas_radio@yahoogroups.com, Paul Mateer <paul.aa9gg@...> wrote:
>
> Do you have a way to fire-up the radio with out the docking station?
>
> On Wed, Mar 31, 2010 at 7:40 PM, wd5iky <wd5iky@...> wrote:
>
> >
> >
> > Just got my (new to me) 210X back from Rick Jacinth in Oceanside.
> > I cleaned up the AC 117/230 Docking Station (it was in nasty shape).
> > It's putting out proper DC voltage, but I can't get the 210X to fire up
> > when it's docked.
> > Just expanded the banana plug male plugs on the rig and the ground plug on
> > the power supply...still, nothing.
> >
> > Any suggestions, hints, experiences, etc. would be appreciated.
> > Thanks and
> > 73,
> > Duncan
> > XE1/WD5IKY
> > San Miguel de Allende, GTO, Mexico
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> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com
> NAQCC 3123, SKCC 4628, FPQRP 2003
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> [Non-text portions of this message have been removed]
>

520. Re: [atlas_radio] Re: Docking My 210X

Yahoo group: atlas_radio
Date: 2010-04-04 19:32:43 UTC
From: Paul Mateer
Topic: 517 Message: 520

Sounds like some sort of loading issue on the docking station. Like it
can't supply the required current. When you dock, can you easily measure the
supply voltages?

On Sun, Apr 4, 2010 at 2:27 PM, wd5iky <wd5iky@...> wrote:

>
>
> Paul,
> Yep, already tried it out on another 12volt supply. Actually put it on the
> air earlier today.
> That docking station is weird...getting voltage 18+ and 12+ on the two
> banana receptacles and have tried using some jumpers from the docking
> station to the rig...nothing. But the next moment I run the jumpers to the
> Astron PS and the rig fires up.
> Again, VOM is showing DC voltage on the d-station.
> This one has become a real puzzler.
> Duncan
> XE1/WD5IKY
>
>
> --- In atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>, Paul
> Mateer <paul.aa9gg@...> wrote:
> >
> > Do you have a way to fire-up the radio with out the docking station?
> >
> > On Wed, Mar 31, 2010 at 7:40 PM, wd5iky <wd5iky@...> wrote:
> >
> > >
> > >
> > > Just got my (new to me) 210X back from Rick Jacinth in Oceanside.
> > > I cleaned up the AC 117/230 Docking Station (it was in nasty shape).
> > > It's putting out proper DC voltage, but I can't get the 210X to fire up
> > > when it's docked.
> > > Just expanded the banana plug male plugs on the rig and the ground plug
> on
> > > the power supply...still, nothing.
> > >
> > > Any suggestions, hints, experiences, etc. would be appreciated.
> > > Thanks and
> > > 73,
> > > Duncan
> > > XE1/WD5IKY
> > > San Miguel de Allende, GTO, Mexico
> > >

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> > --
> > Paul Mateer, AA9GG
> > Elan Engineering Corp.
> > www.elanengr.com
> > NAQCC 3123, SKCC 4628, FPQRP 2003
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> > [Non-text portions of this message have been removed]
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Paul Mateer, AA9GG
Elan Engineering Corp.
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[Non-text portions of this message have been removed]

521. Re: [atlas_radio] Re: Docking My 210X

Yahoo group: atlas_radio
Date: 2010-04-04 19:37:56 UTC
From: Paul Mateer
Topic: 517 Message: 521

Which supply is it? Look at the service manul in the files section. At the
end of the doc, there is a ps schematic that might help.

On Sun, Apr 4, 2010 at 2:32 PM, Paul Mateer <paul.aa9gg@...> wrote:

> Sounds like some sort of loading issue on the docking station. Like it
> can't supply the required current. When you dock, can you easily measure the
> supply voltages?
>
>
> On Sun, Apr 4, 2010 at 2:27 PM, wd5iky <wd5iky@...> wrote:
>
>>
>>
>> Paul,
>> Yep, already tried it out on another 12volt supply. Actually put it on the
>> air earlier today.
>> That docking station is weird...getting voltage 18+ and 12+ on the two
>> banana receptacles and have tried using some jumpers from the docking
>> station to the rig...nothing. But the next moment I run the jumpers to the
>> Astron PS and the rig fires up.
>> Again, VOM is showing DC voltage on the d-station.
>> This one has become a real puzzler.
>> Duncan
>> XE1/WD5IKY
>>
>>
>> --- In atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>, Paul
>> Mateer <paul.aa9gg@...> wrote:
>> >
>> > Do you have a way to fire-up the radio with out the docking station?
>> >
>> > On Wed, Mar 31, 2010 at 7:40 PM, wd5iky <wd5iky@...> wrote:
>> >
>> > >
>> > >
>> > > Just got my (new to me) 210X back from Rick Jacinth in Oceanside.
>> > > I cleaned up the AC 117/230 Docking Station (it was in nasty shape).
>> > > It's putting out proper DC voltage, but I can't get the 210X to fire
>> up
>> > > when it's docked.
>> > > Just expanded the banana plug male plugs on the rig and the ground
>> plug on
>> > > the power supply...still, nothing.
>> > >

>> > > Any suggestions, hints, experiences, etc. would be appreciated.
>> > > Thanks and
>> > > 73,
>> > > Duncan
>> > > XE1/WD5IKY
>> > > San Miguel de Allende, GTO, Mexico
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>> > --
>> > Paul Mateer, AA9GG
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>> > [Non-text portions of this message have been removed]
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> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
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Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
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[Non-text portions of this message have been removed]

522. Re: [atlas_radio] Re: Docking My 210X

Yahoo group: atlas_radio
Date: 2010-04-04 19:55:10 UTC
From: Jim
Topic: 517 Message: 522

Shorted pass transistor?

Both supplies should show nominal 12 VDC and deliver at leasta handful of amps.

Try putting a load on each banana connector separately and see what happens to the voltage. A light bulb will probably work -- an old car headlight will be excellent.

Heck, I might even pull put one of my consoles and have a look ... but this should be intensely simple to track down.

Jim N6OTQ

----- Original Message ----
> From: wd5iky <wd5iky@...>
> To: atlas_radio@yahoogroups.com
> Sent: Sun, April 4, 2010 2:27:31 PM
> Subject: [atlas_radio] Re: Docking My 210X
>
> Paul,
Yep, already tried it out on another 12volt supply. Actually put it on
> the air earlier today.
That docking station is weird...getting voltage 18+
> and 12+ on the two banana receptacles and have tried using some jumpers from the
> docking station to the rig...nothing. But the next moment I run the jumpers to
> the Astron PS and the rig fires up.
Again, VOM is showing DC voltage on the
> d-station.

523. Re: [atlas_radio] Re: Docking My 210X

Yahoo group: atlas_radio
Date: 2010-04-04 19:55:41 UTC
From: Pete Ferrand
Topic: 517 Message: 523

Not wierd, just an economy design.

The concept is a higher voltage, unregulated, that goes to the final amplifier which needs most of the current. The other banana jack gets 12 regulated for all the low level stages. This is documented in the schematic and explained in the manual. Works fine for what they were trying to do.

They're both referenced to the same ground pin and of course if you supply the rig with 13.5 from an Astron you should tie the two positive pins together.

Don't have a docking station now but I remember having shove the rig into the docking station HARD to get the connectors to latch in, any many folks didn't do that. Take a look and see how far the pins are entering.

You may also need to disassemble the connector assembly on the docking station as it may be disconnecting for some reason under the mechanical stress of the rig in place.

HTH,
-Pete
WB2QLL
Somers, WI

-----Original Message-----
>From: wd5iky <wd5iky@...>
>Sent: Apr 4, 2010 3:27 PM
>To: atlas_radio@yahoogroups.com
>Subject: [atlas_radio] Re: Docking My 210X
>
>Paul,
>Yep, already tried it out on another 12volt supply. Actually put it on the air earlier today.
>That docking station is weird...getting voltage 18+ and 12+ on the two banana receptacles and have tried using some jumpers from the docking station to the rig...nothing. But the next moment I run the jumpers to the Astron PS and the rig fires up.
>Again, VOM is showing DC voltage on the d-station.
>This one has become a real puzzler.
>Duncan
>XE1/WD5IKY
>
>--- In atlas_radio@yahoogroups.com, Paul Mateer <paul.aa9gg@...> wrote:
>>
>> Do you have a way to fire-up the radio with out the docking station?
>>
>> On Wed, Mar 31, 2010 at 7:40 PM, wd5iky <wd5iky@...> wrote:
>>
>> >

>> >
>> > Just got my (new to me) 210X back from Rick Jacinth in Oceanside.
>> > I cleaned up the AC 117/230 Docking Station (it was in nasty shape).
>> > It's putting out proper DC voltage, but I can't get the 210X to fire up
>> > when it's docked.
>> > Just expanded the banana plug male plugs on the rig and the ground plug on
>> > the power supply...still, nothing.
>> >
>> > Any suggestions, hints, experiences, etc. would be appreciated.
>> > Thanks and
>> > 73,
>> > Duncan
>> > XE1/WD5IKY
>> > San Miguel de Allende, GTO, Mexico
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>> --
>> Paul Mateer, AA9GG
>> Elan Engineering Corp.
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>> [Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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524. 210X Receive and Transmit Problem

Yahoo group: atlas_radio
Date: 2010-04-09 14:36:12 UTC
From: spudnik144
Topic: 524 Message: 524

Hi there,

Wondering if anyone here has experienced or heard of this kind of problem with a 210X.

When first turning it on, receive is very weak, signals are there but barely. When transmitting SSB or CW, nothing shows on the watt meter or scope. After switching bands and trying to transmit for a while, things got gradually better on receive, and got some output on transmit. Kept trying and eventually (after more than an hour) receive was fine and output was full rated power. Turned it off, waited 10 minutes, turned it on, and it was still fine. Turn off, try next day, same problem (weak receive, no transmit), same cure.

Took it apart and cleaned the two relays. That didn't help.

Tried connecting the antenna directly to the input of PC800 and PC100 to bypass the relays, but receive was still very weak. I think that eliminates the relays as the problem.

Rig has 5645 IF, serial number TM 11580.

Any suggestions?

Thanks

Wayne.

525. RE: [atlas_radio] 210X Receive and Transmit Problem

Yahoo group: atlas_radio
Date: 2010-04-09 19:35:20 UTC
From: MIKE DURKIN
Topic: 524 Message: 525

A can of freeze-it and randomly spray ic's and caps while receiving an AM broadcast signal - when the signal goes low, you found your component or least the area the problem is ... probably a component is out o value/defective. This one dosen't sound like its too hard to find.

Mike
KC7NOA

To: atlas_radio@yahoogroups.com
From:
Date: Fri, 9 Apr 2010 14:36:12 +0000
Subject: [atlas_radio] 210X Receive and Transmit Problem

Hi there,

Wondering if anyone here has experienced or heard of this kind of problem with a 210X.

When first turning it on, receive is very weak, signals are there but barely. When transmitting SSB or CW, nothing shows on the watt meter or scope. After switching bands and trying to transmit for a while, things got gradually better on receive, and got some output on transmit. Kept trying and eventually (after more than an hour) receive was fine and output was full rated power. Turned it off, waited 10 minutes, turned it on, and it was still fine. Turn off, try next day, same problem (weak receive, no transmit), same cure.

Took it apart and cleaned the two relays. That didn't help.

Tried connecting the antenna directly to the input of PC800 and PC100 to bypass the relays, but receive was still very weak. I think that eliminates the relays as the problem.

Rig has 5645 IF, serial number TM 11580.

Any suggestions?

Thanks

Wayne.

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http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_2

[Non-text portions of this message have been removed]

526. Re: [atlas_radio] 210X Receive and Transmit Problem

Yahoo group: atlas_radio
Date: 2010-04-09 21:18:50 UTC
From: Paul Mateer
Topic: 524 Message: 526

sounds like something in the vfo area

On Fri, Apr 9, 2010 at 1:35 PM, MIKE DURKIN <Patriot121@...> wrote:

>
>
>
> A can of freeze-it and randomly spray ic's and caps while receiving an AM
> broadcast signal - when the signal goes low, you found your component or
> least the area the problem is ... probably a component is out o
> value/defective. This one dosen't sound like its too hard to find.
>
> Mike
> KC7NOA
>
> To: atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>
> From:
> Date: Fri, 9 Apr 2010 14:36:12 +0000
> Subject: [atlas_radio] 210X Receive and Transmit Problem
>
>
> Hi there,
>
> Wondering if anyone here has experienced or heard of this kind of problem
> with a 210X.
>
> When first turning it on, receive is very weak, signals are there but
> barely. When transmitting SSB or CW, nothing shows on the watt meter or
> scope. After switching bands and trying to transmit for a while, things got
> gradually better on receive, and got some output on transmit. Kept trying
> and eventually (after more than an hour) receive was fine and output was
> full rated power. Turned it off, waited 10 minutes, turned it on, and it was
> still fine. Turn off, try next day, same problem (weak receive, no
> transmit), same cure.
>
> Took it apart and cleaned the two relays. That didn't help.
>
> Tried connecting the antenna directly to the input of PC800 and PC100 to
> bypass the relays, but receive was still very weak. I think that eliminates
> the relays as the problem.
>
> Rig has 5645 IF, serial number TM 11580.
>
> Any suggestions?
>

> Thanks
>
> Wayne.
>
> _____
> Hotmail is redefining busy with tools for the New Busy. Get more from your
> inbox.
>
> http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_2
>
> [Non-text portions of this message have been removed]
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

527. Wanted: Atlas 10XB Crystal Oscillator Accessory

Yahoo group: atlas_radio
Date: 2010-04-10 10:22:44 UTC
From: atlasstuff
Topic: 527 Message: 527

Folks,

Looking for one of the above in very good condition to try out some crystals with my Atlas-210x.

Anyone out there got a surplus one they would be willing to part with? Can't seem to find one anywhere in UK.

Regards,

Mark.

528. Re: 210X Receive and Transmit Problem

Yahoo group: atlas_radio
Date: 2010-04-11 02:47:08 UTC
From: spudnik144
Topic: 524 Message: 528

Thanks for your suggestions.

I've performed some very sophisticated troubleshooting methods - namely tapping in and around the chassis and various points inside the rig with the bottom of a small screwdriver :>).

Turns out that if I tap near the crystal filter I can cause the radio to start receiving and transmitting properly. I can tap again and cause it to display the weak receive and transmit problem again. To there's something intermittent around there. I've checked all the connections in and around that area and everything is secure. The only thing left is inside the filter container.

Could a flaky filter cause this symptom? And if so, is my only recourse to replace it?

Thanks

Wayne.

--- In atlas_radio@yahoogroups.com, "spudnik144" <wjohnson144@...> wrote:
>
> Hi there,
>
> Wondering if anyone here has experienced or heard of this kind of problem with a 210X.
>
> When first turning it on, receive is very weak, signals are there but barely. When transmitting SSB or CW, nothing shows on the watt meter or scope. After switching bands and trying to transmit for a while, things got gradually better on receive, and got some output on transmit. Kept trying and eventually (after more than an hour) receive was fine and output was full rated power. Turned it off, waited 10 minutes, turned it on, and it was still fine. Turn off, try next day, same problem (weak receive, no transmit), same cure.
>
> Took it apart and cleaned the two relays. That didn't help.
>
> Tried connecting the antenna directly to the input of PC800 and PC100 to bypass the relays, but receive was still very weak. I think that eliminates the relays as the problem.
>
> Rig has 5645 IF, serial number TM 11580.
>
> Any suggestions?
>
> Thanks
>
> Wayne.
>

529. RE: [atlas_radio] Re: 210X Receive and Transmit Problem

Yahoo group: atlas_radio
Date: 2010-04-11 03:05:42 UTC
From: MIKE DURKIN
Topic: 524 Message: 529

If you ned to replace it .. i might have a donor out of a 180 ... need to know what the numbers on top are.

Mike
KC7NOA

To: atlas_radio@yahoogroups.com
From:
Date: Sun, 11 Apr 2010 02:47:08 +0000
Subject: [atlas_radio] Re: 210X Receive and Transmit Problem

Thanks for your suggestions.

I've performed some very sophisticated troubleshooting methods - namely tapping in and around the chassis and various points inside the rig with the bottom of a small screwdriver :>).

Turns out that if I tap near the crystal filter I can cause the radio to start receiving and transmitting properly. I can tap again and cause it to display the weak receive and transmit problem again. To there's something intermittent around there. I've checked all the connections in and around that area and everything is secure. The only thing left is inside the filter container.

Could a flaky filter cause this symptom? And if so, is my only recourse to replace it?

Thanks

Wayne.

--- In atlas_radio@yahoogroups.com, "spudnik144" <wjohnson144@...> wrote:

>

> Hi there,

>

> Wondering if anyone here has experienced or heard of this kind of problem with a 210X.

>

> When first turning it on, receive is very weak, signals are there but barely. When transmitting SSB or CW, nothing shows on the watt meter or scope. After switching bands and trying to transmit for a while, things got gradually better on receive, and got some output on transmit. Kept trying and eventually (after more than an hour) receive was fine and output was full rated power. Turned it off, waited 10 minutes, turned it on, and it was still fine. Turn off, try next day, same problem (weak receive, no transmit), same cure.

>

> Took it apart and cleaned the two relays. That didn't help.

>

> Tried connecting the antenna directly to the input of PC800 and PC100 to bypass the relays, but receive was still very weak. I think that eliminates the relays as the problem.

>

> Rig has 5645 IF, serial number TM 11580.

>

> Any suggestions?

>

> Thanks

>

> Wayne.

>

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http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_1

[Non-text portions of this message have been removed]

530. Re: 210X Receive and Transmit Problem

Yahoo group: atlas_radio
Date: 2010-04-11 03:25:53 UTC
From: spudnik144
Topic: 524 Message: 530

Hi Mike,

Thanks for the offer. I'm pretty sure the 180 was 5520, and this 210X has an IF of 5645 (numbers on the filter are 5.645 - 2.7/8). So I don't think their compatible. Correct me if I'm wrong.

Thanks

Wayne.

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
>
> If you ned to replace it .. i might have a donor out of a 180 ... need to know what the numbers on top are.
>
> Mike
> KC7NOA
>
> To: atlas_radio@yahoogroups.com
> From:
> Date: Sun, 11 Apr 2010 02:47:08 +0000
> Subject: [atlas_radio] Re: 210X Receive and Transmit Problem
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> Thanks for your suggestions.
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>
> I've performed some very sophisticated troubleshooting methods - namely tapping in and around the chassis and various points inside the rig with the bottom of a small screwdriver :>).
>
>
>
> Turns out that if I tap near the crystal filter I can cause the radio to start receiving and transmitting properly. I can tap again and cause it to display the weak receive and transmit problem again. To there's something intermittent around there. I've checked all the connections in and around that area and everything is secure. The only thing left is inside the filter container.
>
>
>
> Could a flaky filter cause this symptom? And if so, is my only recourse to replace it?
>
>
>
> Thanks
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>
>
> Wayne.
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>
>
> --- In atlas_radio@yahoogroups.com, "spudnik144" <wjohnson144@> wrote:
>
> >
>
> > Hi there,
>
> >
>
> > Wondering if anyone here has experienced or heard of this kind of problem with a 210X.
>
> >
>
> > When first turning it on, receive is very weak, signals are there but barely. When transmitting SSB or CW, nothing shows on the watt meter or scope. After switching bands and trying to transmit for a while, things got gradually better on receive, and got some output

on transmit. Kept trying and eventually (after more than an hour) receive was fine and output was full rated power. Turned it off, waited 10 minutes, turned it on, and it was still fine. Turn off, try next day, same problem (weak receive, no transmit), same cure.
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>
> > Took it apart and cleaned the two relays. That didn't help.
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>
> > Tried connecting the antenna directly to the input of PC800 and PC100 to bypass the relays, but receive was still very weak. I think that eliminates the relays as the problem.
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>
> > Rig has 5645 IF, serial number TM 11580.
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> >
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> > Any suggestions?
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> >
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> > Thanks
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> > Wayne.
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> _____
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> http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_1
>
> [Non-text portions of this message have been removed]
>

531. 220-CS Console - VOX Connector

Yahoo group: atlas_radio
Date: 2010-04-13 01:41:30 UTC
From: spudnik144
Topic: 531 Message: 531

Hi there,

Another question. With my recently acquired 210X, I received a 220-CS with the VOX option. Unfortunately, one of the wires in the VOX cable has detached from the connector that attaches to the 210X. For the life of me I can't figure out how to get that connector apart to repair that loose wire. Except for a very thin seam, the connector looks completely sealed. It doesn't want to twist apart or anything. I don't want to damage the connector by trying to force it - does anyone know the best way to get that connector apart?

Thanks

Wayne.

532. Re: [atlas_radio] 220-CS Console - VOX Connector

Yahoo group: atlas_radio
Date: 2010-04-13 02:33:28 UTC
From: Jim
Topic: 531 Message: 532

For starters, do you have a schematic for the console and the VOX board?

Jim N6OTQ

----- Original Message ----
> From: spudnik144 <wjohnson144@...>
> To: atlas_radio@yahoogroups.com
> Sent: Mon, April 12, 2010 8:41:30 PM
> Subject: [atlas_radio] 220-CS Console - VOX Connector
>
> Hi there,

Another question. With my recently acquired 210X, I received a
> 220-CS with the VOX option. Unfortunately, one of the wires in the VOX cable has
> detached from the connector that attaches to the 210X. For the life of me I
> can't figure out how to get that connector apart to repair that loose wire.
> Except for a very thin seam, the connector looks completely sealed. It doesn't
> want to twist apart or anything. I don't want to damage the connector by trying
> to force it - does anyone know the best way to get that connector
> apart?

Thanks

Wayne.

533. Re: 220-CS Console - VOX Connector

Yahoo group: atlas_radio
Date: 2010-04-13 13:34:12 UTC
From: spudnik144
Topic: 531 Message: 533

Hi Jim,

Thanks for your reply. Unfortunately I don't have a schematic for either. But, I'm pretty sure I don't need that, since only one of the wires has detached from one of the pins on the connector, and looking through the hole in the bottom of the connector I can see which pin that the detached wire had been soldered to. So my feeling was that once I got the connector apart, I would just re-solder that wire on to its connector.

But if you have a schematic for the VX-5, I could probably use it.

Thanks

Wayne.

--- In atlas_radio@yahoogroups.com, Jim <n6otq@...> wrote:
>
> For starters, do you have a schematic for the console and the VOX board?
>
> Jim N6OTQ
>
>
>
>
> ----- Original Message ----
> > From: spudnik144 <wjohnson144@...>
> > To: atlas_radio@yahoogroups.com
> > Sent: Mon, April 12, 2010 8:41:30 PM
> > Subject: [atlas_radio] 220-CS Console - VOX Connector
> >
> > Hi there,
>
> Another question. With my recently acquired 210X, I received a
> > 220-CS with the VOX option. Unfortunately, one of the wires in the VOX cable has
> > detached from the connector that attaches to the 210X. For the life of me I
> > can't figure out how to get that connector apart to repair that loose wire.
> > Except for a very thin seam, the connector looks completely sealed. It doesn't
> > want to twist apart or anything. I don't want to damage the connector by trying
> > to force it - does anyone know the best way to get that connector
> > apart?
>
> Thanks
>
> Wayne.
>

534. Re: [atlas_radio] Re: 220-CS Console - VOX Connector

Yahoo group: atlas_radio
Date: 2010-04-13 23:38:23 UTC
From: Jim
Topic: 531 Message: 534

Hi Wayne

Somewhere around here I have a paper copy of the vox schematic, but I don't think I ever found one online.

It's definitely something that I should scan in someday, but that would mean that I'd need to find working scanner software for one of the scanners I've got.

In need of a round tuit....

Jim n6OTQ

----- Original Message ----
> From: spudnik144 <wjohnson144@...>
>
> Hi Jim,

Thanks for your reply. Unfortunately I don't have a schematic for
> either. But, I'm pretty sure I don't need that, since only one of the wires has
> detached from one of the pins on the connector, and looking through the hole in
> the bottom of the connector I can see which pin that the detached wire had been
> soldered to. So my feeling was that once I got the connector apart, I would just
> re-solder that wire on to its connector.

But if you have a schematic for
> the VX-5, I could probably use it.

Thanks

Wayne.

--- In
> ymailto="mailto:atlas_radio@yahoogroups.com"
> href="mailto:atlas_radio@yahoogroups.com">atlas_radio@yahoogroups.com, Jim
> <n6otq@...> wrote:
>
> For starters, do you have a schematic
> for the console and the VOX board?
>
> Jim N6OTQ

535. Re: 220-CS Console - VOX Connector

Yahoo group: atlas_radio
Date: 2010-04-14 13:14:12 UTC
From: atlasstuff
Topic: 531 Message: 535

Wayne,

If it's anything like one of the 9-pin 'Noval' plugs I have for my Atlas, the cover screws off in the normal way.

The join between cover and plug is difficult to discren but, under a strong light, perhaps you will be able to make out a join about 3 mm up from the base of the plug if you have the same type of connector.

Regards,

Mark.

--- In atlas_radio@yahoogroups.com, "spudnik144" <wjohnson144@...> wrote:
>
> Hi there,
>
> Another question. With my recently acquired 210X, I received a 220-CS with the VOX option. Unfortunately, one of the wires in the VOX cable has detached from the connector that attaches to the 210X. For the life of me I can't figure out how to get that connector apart to repair that loose wire. Except for a very thin seam, the connector looks completely sealed. It doesn't want to twist apart or anything. I don't want to damage the connector by trying to force it - does anyone know the best way to get that connector apart?
>
> Thanks
>
> Wayne.
>

536. 350XL

Yahoo group: atlas_radio
Date: 2010-04-17 15:12:38 UTC
From: MIKE DURKIN
Topic: 261 Message: 536

I just noticed ....

http://www.rigpix.com/atlas/350xl.htm

On RigPix for the Atlas 350XL ... there is only a switch for the power. On the two i have they both have a drive controll. I wonder if that control line might be part of my feedback problems ....

_____
The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail.
http://www.windowslive.com/campaign/thenewbusy?tile=multicalendar&ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_5

[Non-text portions of this message have been removed]

537. Atlas 350XL lowpass

Yahoo group: atlas_radio
Date: 2010-04-18 19:38:07 UTC
From: MIKE DURKIN
Topic: 537 Message: 537

Does anyone have or know the board layout's for the Atlas 350XL lowpass filter section?? My 10M lowpass cuts below the 10M band !!!!! (says my MFJ-259b). I want to examine the components ...

Mike
KC7NOA

_____
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[Non-text portions of this message have been removed]

538. Re: [atlas_radio] Atlas 350XL lowpass

Yahoo group: atlas_radio
Date: 2010-04-18 19:49:27 UTC
From: Paul Mateer
Topic: 537 Message: 538

Look here for a wealth of info: http://wireless.org.uk/atlas/manuals.htm

On Sun, Apr 18, 2010 at 1:38 PM, MIKE DURKIN <Patriot121@...> wrote:

>
>
>
> Does anyone have or know the board layout's for the Atlas 350XL lowpass
> filter section?? My 10M lowpass cuts below the 10M band !!!!! (says my
> MFJ-259b). I want to examine the components ...
>
> Mike
> KC7NOA
>
> _____
> Hotmail is redefining busy with tools for the New Busy. Get more from your
> inbox.
>
> http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_2
>
> [Non-text portions of this message have been removed]
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

539. Re: [atlas_radio] 350XL

Yahoo group: atlas_radio
Date: 2010-04-19 14:11:04 UTC
From: Mike Williamson
Topic: 261 Message: 539

Mike,

My only working 350 XL is the later model with the TX drive control. I have ofter wondered if on its way from the T/R board to the predriver board, the wiring is picking up R.F. and making the high power parts of the radio oscillate. I have not had time to investigate this aspect of the instability of the Transmitter.

I E Mailed the guy who fixed one of my 350s back in the day and many others, who said the primary reason that they oscillate is the lack of grounds in the pre driver, driver and PA boards. My radio that he fixed back in the day indeed has grounds on the pre driver and driver boards that are not factory. I have not had the chance to peak in its P.A. compartment. I think this radio may have got lightning whacked and neither the TX or RX work, but it is on the fixing list. Somebody added additional grounds to both the pre driver and driver boards. When it did work back in the late 90s, I don't recall any instability in the TX.

The guy who related this info is the same one who put out the one Atlas Radio Newsletter back in the 80s. He ask not to be identified, so I will respect his wishes.

If you are interested in additional info on where he grounded these boards, let me know and I can pop the case and find out for sure.

73
Mike
KA5DVR

--- On Sat, 4/17/10, MIKE DURKIN <Patriot121@...m> wrote:

From: MIKE DURKIN <Patriot121@...>
Subject: [atlas_radio] 350XL
To: atlas_radio@yahoogroups.com, "Atlas Radio" <atlas210x-215x@yahoogroups.com>
Date: Saturday, April 17, 2010, 9:12 AM

I just noticed ....

http://www.rigpix. com/atlas/ 350xl.htm

On RigPix for the Atlas 350XL ... there is only a switch for the power. On the two i have they both have a drive controll. I wonder if that control line might be part of my feedback problems ....

_____ _____ _____ _____ _____ _____ _
The New Busy think 9 to 5 is a cute idea. Combine multiple calendars with Hotmail.
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::T:WLMTAGL: ON:WL:en- US:WM_HMP: 042010_5

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[Non-text portions of this message have been removed]

540. BAT85

Yahoo group: atlas_radio
Date: 2010-05-03 19:14:22 UTC
From: MIKE DURKIN
Topic: 540 Message: 540

Is ther a better mixing diode than the BAT85 for mixing?? What advantages are they really??

Mike

KC7NOA

_____
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:042010_2

[Non-text portions of this message have been removed]

541. BAT85

Yahoo group: atlas_radio
Date: 2010-05-04 17:32:32 UTC
From: MIKE DURKIN
Topic: 540 Message: 541

IF any one needs a few BAT85 for there mixers .. iv just bought 50 and im sure ill have a few left over .. Im planning on trying them out in the first and second mixer stage to see if there is any noticalbe improvement.

Mike

KC7NOA

_____
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[Non-text portions of this message have been removed]

542. RE: [atlas_radio] BAT85

Yahoo group: atlas_radio
Date: 2010-05-05 02:25:41 UTC
From: Stephen Miller, Jr.
Topic: 540 Message: 542

Mike,

Didn't you have the 180 parts rig?

Steve

To: atlas210x-215x@yahoogroups.com; atlas_radio@yahoogroups.com
From: Patriot121@...
Date: Tue, 4 May 2010 10:32:32 -0700
Subject: [atlas_radio] BAT85

IF any one needs a few BAT85 for there mixers .. iv just bought 50 and im sure ill have a few left over .. Im planning on trying them out in the first and second mixer stage to see if there is any noticalbe improvement.

Mike

KC7NOA

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[Non-text portions of this message have been removed]

543. RE: [atlas_radio] BAT85

Yahoo group: atlas_radio
Date: 2010-05-05 04:25:56 UTC
From: MIKE DURKIN
Topic: 540 Message: 543

Yes ...

> To: atlas_radio@yahoogroups.com; atlas210x-215x@yahoogroups.com
> From: stevemillererie@...
> Date: Tue, 4 May 2010 22:25:41 -0400
> Subject: RE: [atlas_radio] BAT85
>
>
> Mike,
>
>
>
> Didn't you have the 180 parts rig?
>
> Steve
>
>
> To: atlas210x-215x@yahoogroups.com; atlas_radio@yahoogroups.com
> From: Patriot121@...
> Date: Tue, 4 May 2010 10:32:32 -0700
> Subject: [atlas_radio] BAT85
>
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>
> IF any one needs a few BAT85 for there mixers .. iv just bought 50 and im sure ill have a few left over .. Im planning on trying them out in the first and second mixer stage to see if there is any noticalbe improvement.
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> Mike
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

544. RE: [atlas_radio] BAT85

Yahoo group: atlas_radio
Date: 2010-05-07 02:46:26 UTC
From: Stephen Miller, Jr.
Topic: 540 Message: 544

Would you still have the meter for sale?

To: atlas_radio@yahoogroups.com
From: Patriot121@...
Date: Tue, 4 May 2010 21:25:56 -0700
Subject: RE: [atlas_radio] BAT85

Yes ...

> To: atlas_radio@yahoogroups.com; atlas210x-215x@yahoogroups.com
> From: stevemillererie@...
> Date: Tue, 4 May 2010 22:25:41 -0400
> Subject: RE: [atlas_radio] BAT85
>
>
> Mike,
>
>
>
> Didn't you have the 180 parts rig?
>
> Steve
>
>
> To: atlas210x-215x@yahoogroups.com; atlas_radio@yahoogroups.com
> From: Patriot121@...
> Date: Tue, 4 May 2010 10:32:32 -0700
> Subject: [atlas_radio] BAT85
>
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> IF any one needs a few BAT85 for there mixers .. iv just bought 50 and im sure ill have a few left over .. Im planning on trying them out in the first and second mixer stage to see if there is any noticalbe improvement.
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> Mike
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:042010_1

[Non-text portions of this message have been removed]

545. Revisited - Re: 210X frequency drift....

Yahoo group: atlas_radio
Date: 2010-05-20 03:02:51 UTC
From: felix
Topic: 41 Message: 545

Hello: I just got my tech license and purchased the DFD1 for my Atlas 210x. I have a question as to how the 18PF cap connects to ground and/or the connection between LO and ground. (see the J1 diagram from the original instructions from AADE.com) Thank you.
--- In atlas_radio@yahoogroups.com, "Bruce Sawtelle" <W3NJ@...> wrote:
>
>
> Jim/N6OTQ and everyone
>
> I just bought the DFD kit from Neil at www.aade.com and installed it
> on the Atlas. It's a nice kit and works great with the 210.
>
> With the unit installed, I started to look into the receive vs.
> transmit freq difference I mention before (see below). Sure enough,
> when I go into transmit mode (no modulation), the frequency
> consistently changes by 100-120 Hz lower. The freq display is running
> from a separate supply, so I know it's not voltage droop. Also, it
> has a TXCO and is VERY stable with time and temp.
>
> Do you (or anyone) have info on the function of C327 (trimmer cap) on
> PC-300? It's associated with the VFO FET switches and I suspect it
> may be causing some of the problem.
>
> tnx es 73
>
> de Bruce- W3NJ
>
>
> --- In atlas_radio@yahoogroups.com, "w3njbruce w3nj@a..."
> W3NJ@a... wrote:
> > Jim,
> > Thanks for the info!
> >
> > I had previously been looking at the trimmer cap associated with
> the
> > oscillator switch MOSFETS as one of the "unique" RX/TX components
> > (are you familar with its function?).
> >
> > From what I remember, the 210X would drift ~500Hz (measure by
> > ear...not too accurate! ;-)). I'll have to fire it up again and
> see
> > how it does. Hopefully we can get some time between now and New
> Years.
> >
> > Hers's the other "kicker". This is one of the original 210X's

> without
> > RIT. I'm going to buy the parts for the RIT based on an old Atlas
> > Service Bulletin I dug up from somewhere. This will be my last
> resort
> > if the problem returns and I can't clear it up otherwise.
> >
> > TNX es 73
> >
> > de Bruce -W3NJ
> >
> >
> > --- In atlas_radio@yahoogroups.com, Jim Strohm jstrohm@e... wrote:
> > > >All,
> > > >I have a unique "twist" to an early discussion about VFO drift.
> > It's
> > > >been a number of years since I've tried out my 210, but I fired
> it
> > > >up the other day. I haven't seen this behavior yet, but remember
> > it
> > > >in the past.
> > > >
> > > >The rig is very stable at power on, especially if I just use it
> > for
> > > >receive. As I transmit, the RX and Tx freqs DRIFT APART. I can't
> > > >remember which goes up and down, but it's as if I have an
> > "automatic
> > > >RIT" in the rig! ;-)
> > > >
> > > >I'll need to do some more testing, maybe over the holiday
> period.
> > In
> > > >Looking at the schematic, it uses the same 2 oscillators for RX
> > and
> > > >TX, just switches them within the mixer. I do see a trimmer cap
> on
> > > >one of the FET switches, maybe it's gone "weak" over the years.
> > >
> > > Without my dragging out the manual ... take a look at the block
> > > diagram and see where there's any part of the RX / TX chain
> that's
> > > different. Likeliest, the fault will be there.
> > >
> > > Physically, look for something that's close to the PA -- most of
> > the
> > > stuff on an Atlas won't get warm during TX, but you can make hot
> > > cocoa with the PA heatsink.
> > >
> > > I would suspect that some part in the TX chain has aged and now
> > > drifts. A can of "cold shot" might be of use if you can't think
> > your

> > > way to the answer.
> > >
> > > It might also be helpful to hook the rig to a large dummy load
> and
> > do
> > > an hour-long keydown at about 20 watts and see where it drifts to.
> > >
> > > I've never had an Atlas that didn't drift a _little_ with high
> duty
> > > cycle use, as in net control duty. That's why there's a RIT knob
> > and
> > > a tuning knob ... and a dummy load under the bench, and a freq
> > > counter in the antenna lead. Of course, "drift" is relative --
> if
> > > you can hear somebody's side tone change, that's drift. Moving a
> > > couple hundred hertz in a long evening of contesting or net op
> > isn't
> > > really drift with a 25-year-old radio.
> > >
> > >
> > >
> > > Jim N6OTQ
>

546. Re: 210X frequency drift....

Yahoo group: atlas_radio
Date: 2010-06-05 21:25:50 UTC
From: Bruce Sawtelle
Topic: 41 Message: 546

Hi Felix,
I haven't had the Atlas on the bench for a while, but let me know the question you have and I'll see what I can do to help. I just ordered one of he Cumbria "X-lock" boards to see how it would do with the 210X. Hope to get it in the next week or so from the UK.

GL es 73
Bruce -W3NJ

Posted by: "felix" lopez.felix@... lopez.felix@...

Date: Wed May 19, 2010 8:03 pm ((PDT))

Hello: I just got my tech license and purchased the DFD1 for my Atlas

210x. I have a question as to how the 18PF cap connects to ground and/or

the connection between LO and ground. (see the J1 diagram from the

original instructions from AADE.com) Thank you.

--- In atlas_radio@yahoogroups.com, "Bruce Sawtelle" <W3NJ@...> wrote:

>

>

> Jim/N6OTQ and everyone

>

> I just bought the DFD kit from Neil at www.aade.com and installed it

> on the Atlas. It's a nice kit and works great with the 210.

>

> With the unit installed, I started to look into the receive vs.

> transmit freq difference I mention before (see below). Sure enough,

> when I go into transmit mode (no modulation), the frequency

> consistently changes by 100-120 Hz lower. The freq display is running

> from a separate supply, so I know it's not voltage droop. Also, it

> has a TXCO and is VERY stable with time and temp.

>

> Do you (or anyone) have info on the function of C327 (trimmer cap) on
> PC-300? It's associated with the VFO FET switches and I suspect it
> may be causing some of the problem.
>
> tnx es 73
>
> de Bruce- W3NJ
>
>
> --- In atlas_radio@yahoogroups.com, "w3njbruce w3nj@a..."
> W3NJ@a... wrote:
> > Jim,
> > Thanks for the info!
> >
> > I had previously been looking at the trimmer cap associated with
> the
> > oscillator switch MOSFETS as one of the "unique" RX/TX components
> > (are you familar with its function?).
> >
> > From what I remember, the 210X would drift ~500Hz (measure by
> > ear...not too accurate! ;-)). I'll have to fire it up again and
> see
> > how it does. Hopefully we can get some time between now and New
> Years.
> >
> > Hers's the other "kicker". This is one of the original 210X's
> without
> > RIT. I'm going to buy the parts for the RIT based on an old Atlas
> > Service Bulletin I dug up from somewhere. This will be my last

> resort

> > if the problem returns and I can't clear it up otherwise.

> >

> > TNX es 73

> >

> > de Bruce -W3NJ

> >

> >

> > --- In atlas_radio@yahoogroups.com, Jim Strohm jstrohm@e... wrote:

> > > >All,

> > > >I have a unique "twist" to an early discussion about VFO drift.

> > It's

> > > >been a number of years since I've tried out my 210, but I fired

> it

> > > >up the other day. I haven't seen this behavior yet, but remember

> > it

> > > >in the past.

> > > >

> > > >The rig is very stable at power on, especially if I just use it

> > for

> > > >receive. As I transmit, the RX and Tx freqs DRIFT APART. I can't

> > > >remember which goes up and down, but it's as if I have an

> > "automatic

> > > >RIT" in the rig! ;-)

> > > >

> > > >I'll need to do some more testing, maybe over the holiday

> period.

> > In

> > > >Looking at the schematic, it uses the same 2 oscillators for RX

> > and

> > > >TX, just switches them within the mixer. I do see a trimmer cap

> on

> > > >one of the FET switches, maybe it's gone "weak" over the years.

> > >

> > > Without my dragging out the manual ... take a look at the block

> > > diagram and see where there's any part of the RX / TX chain

> that's

> > > different. Likeliest, the fault will be there.

> > >

> > > Physically, look for something that's close to the PA -- most of

> > the

> > > stuff on an Atlas won't get warm during TX, but you can make hot

> > > cocoa with the PA heatsink.

> > >

> > > I would suspect that some part in the TX chain has aged and now

> > > drifts. A can of "cold shot" might be of use if you can't think

> > your

> > > way to the answer.

> > >

> > > It might also be helpful to hook the rig to a large dummy load

> and

> > do

> > > an hour-long keydown at about 20 watts and see where it drifts to.

> > >

> > > I've never had an Atlas that didn't drift a _little_ with high

> duty

> > > cycle use, as in net control duty. That's why there's a RIT knob

> > and

> > > a tuning knob ... and a dummy load under the bench, and a freq

> > > counter in the antenna lead. Of course, "drift" is relative --

> if

> > > you can hear somebody's side tone change, that's drift. Moving a

> > > couple hundred hertz in a long evening of contesting or net op

> > isn't

> > > really drift with a 25-year-old radio.

> > >

> > >

> > >

> > > Jim N6OTQ

>

Messages in this topic (6)

Yahoo! Groups Links

http://groups.yahoo.com/group/atlas_radio/

Digest Email | Traditional

http://groups.yahoo.com/group/atlas_radio/join

(Yahoo! ID required)

atlas_radio-normal@yahoogroups.com

atlas_radio-fullfeatured@yahoogroups.com

atlas_radio-unsubscribe@yahoogroups.com

http://docs.yahoo.com/info/terms/

[Non-text portions of this message have been removed]

547. Semi-break-in accessory

Yahoo group: atlas_radio
Date: 2010-06-07 22:33:24 UTC
From: Fernando
Topic: 547 Message: 547

Hello.

I just got a 201X with console and was wondering

if anyone here has one or a schematic of one or picture of?

tnx 73 Fernando N2FQ/6

548. Re: [atlas_radio] Semi-break-in accessory

Yahoo group: atlas_radio
Date: 2010-06-07 23:34:29 UTC
From: Paul Mateer
Topic: 547 Message: 548

Look here: http://wireless.org.uk/atlas/mods.htm
Go down towards the bottom and look at the "adding sidetone" mod. Has
sidetone as well as the semi-breakin stuff.

73 de Paul, AA9GG

On Mon, Jun 7, 2010 at 5:33 PM, Fernando <n2fq@...> wrote:

>
>
> Hello.
>
> I just got a 201X with console and was wondering
>
> if anyone here has one or a schematic of one or picture of?
>
> tnx 73 Fernando N2FQ/6
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

549. Re: [atlas_radio] Semi-break-in accessory

Yahoo group: atlas_radio
Date: 2010-06-08 00:24:11 UTC
From: Jim
Topic: 547 Message: 549

Since this has been requested recently in the past, I've taken the liberty of coping these files into the Files section for this group, in the Files > Atlas_Accessories > VX5_VOX_QSK folder.

A message has been sent to the group announcing the ZIP file.

Jim N6OTQ
group owner

----- Original Message ----
> From: Paul Mateer <paul.aa9gg@...>
> To: atlas_radio@yahoogroups.com
> Sent: Mon, June 7, 2010 6:34:29 PM
> Subject: Re: [atlas_radio] Semi-break-in accessory
>
> Look here: http://wireless.org.uk/atlas/mods.htm

550. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2010-06-08 00:20:48 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 550

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas_Accessories/VX5_VOX_QSK/vx5.zip
Uploaded by : n6otq <n6otq@...>
Description : VX-5 schematic and text, files in GIF format, thanks to
http://wireless.org.uk/atlas/manuals.htm

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/Atlas_Accessories/VX5_VOX_QSK/vx5.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

n6otq <n6otq@...>

551. Re: [atlas_radio] Semi-break-in accessory

Yahoo group: atlas_radio
Date: 2010-06-08 02:09:15 UTC
From: Fernando
Topic: 547 Message: 551

Thank you Jim and Paul for the quick response.

Also for the documentation links.

Looks like the HR circuit is easier to do.

tnx agn 73 Fernando N2FQ/6

On Jun 7, 2010, at 5:24 PM, Jim wrote:

> Since this has been requested recently in the past, I've taken the
> liberty of coping these files into the Files section for this group,
> in the Files > Atlas_Accessories > VX5_VOX_QSK folder.
>
> A message has been sent to the group announcing the ZIP file.
>
> Jim N6OTQ
> group owner
>
>
>
>
> ----- Original Message ----
>> From: Paul Mateer <paul.aa9gg@...>
>> To: atlas_radio@yahoogroups.com
>> Sent: Mon, June 7, 2010 6:34:29 PM
>> Subject: Re: [atlas_radio] Semi-break-in accessory
>>
>> Look here: http://wireless.org.uk/atlas/mods.htm
>
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

552. No response on test transmission

Yahoo group: atlas_radio
Date: 2010-07-12 19:02:38 UTC
From: felix
Topic: 552 Message: 552

Folks: I bought my Atlas 210X in late April of this year. Due to some concerns at home I got my Tech license about 2 months ago. I finally got a friend of mine to help me put up a Cushcraft MA5V vertical antenna bolted to the side of my brick home. The antenna stands about 15 ft. from the top line of my flat roof (30ft. from ground level). Antenna is grounded to a new rod from the bottom of the metal antenna mast that sits on fiberglass section. The problem comes up when trying to call out from 80M-40M. My SWR meter shows I'm getting out at 30-40W at minimum. are there any ideas where I can start checking? I'm a confessed newbie recently retired from map making here in St. Louis, Missouri. Thank you. 73, KD0LMR.

553. RE: [atlas_radio] No response on test transmission

Yahoo group: atlas_radio
Date: 2010-07-12 19:45:23 UTC
From: MIKE DURKIN
Topic: 552 Message: 553

Always verrify output into a dummy load ... let us know if full power is still seen.

Might be that the SWR on the antenna inst below 1:1.7

Mike
KC7NOA

To: atlas_radio@yahoogroups.com
From: lopez.felix@...
Date: Mon, 12 Jul 2010 19:02:38 +0000
Subject: [atlas_radio] No response on test transmission

Folks: I bought my Atlas 210X in late April of this year. Due to some concerns at home I got my Tech license about 2 months ago. I finally got a friend of mine to help me put up a Cushcraft MA5V vertical antenna bolted to the side of my brick home. The antenna stands about 15 ft. from the top line of my flat roof (30ft. from ground level). Antenna is grounded to a new rod from the bottom of the metal antenna mast that sits on fiberglass section. The problem comes up when trying to call out from 80M-40M. My SWR meter shows I'm getting out at 30-40W at minimum. are there any ideas where I can start checking? I'm a confessed newbie recently retired from map making here in St. Louis, Missouri. Thank you. 73, KD0LMR.

_____
Hotmail is redefining busy with tools for the New Busy. Get more from your inbox.
http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_2

[Non-text portions of this message have been removed]

554. Dual Gate Fet mixer

Yahoo group: atlas_radio
Date: 2010-07-13 19:11:41 UTC
From: MIKE DURKIN
Topic: 554 Message: 554

Any one have an opinion on what would be a good replacement for Q761 on PC760 in a Atlas 350XL ??

Perhaps a 40841 or a 3N211 ??

Mike
KC7NOA

_____
Hotmail has tools for the New Busy. Search, chat and e-mail from your inbox.
http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_HMP:042010_1

[Non-text portions of this message have been removed]

555. Re: [atlas_radio] Dual Gate Fet mixer

Yahoo group: atlas_radio
Date: 2010-07-13 20:57:51 UTC
From: Paul Mateer
Topic: 554 Message: 555

I saw that Dan'small parts just got some dual-gate fets in:
http://www.danssmallpartsandkits.net/
not sure if it's the correct ones though

On Tue, Jul 13, 2010 at 2:11 PM, MIKE DURKIN <Patriot121@...> wrote:

>
>
>
> Any one have an opinion on what would be a good replacement for Q761 on
> PC760 in a Atlas 350XL ??
>
> Perhaps a 40841 or a 3N211 ??
>
> Mike
> KC7NOA
>
> _____
> Hotmail has tools for the New Busy. Search, chat and e-mail from your
> inbox.
>
> http://www.windowslive.com/campaign/thenewbusy?ocid=PID28326::T:WLMTAGL:ON:WL:en-US:WM_H
MP:042010_1
>
> [Non-text portions of this message have been removed]
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

556. Restoring an Atlas 350XL and Power Supply

Yahoo group: atlas_radio
Date: 2010-07-27 16:47:45 UTC
From: davebtw
Topic: 556 Message: 556

Hello,

Many years ago I purchased a complete Atlas 350XL with matching power supply as a basket case with the transmitter PA and driver board removed. I fired up the unit and the receiver seemed to be working OK for its age.

I have decided to investigate the feasibility of restoring the unit. I have seen snippets of mods, mostly for the PA section. Is there a single place where all of these mods, including those for the ALC, AGC, and QSK operation are collected together?

I am equipped with test sufficient test equipment and experience, but as always I would like to see what others have tried. I have searched this forum a bit, but things are scattered around a bit.

Suggestions?

Thanks,

-david BTW
WA7OPV

557. Re: Restoring an Atlas 350XL and Power Supply

Yahoo group: atlas_radio
Date: 2010-07-27 17:03:39 UTC
From: AA9GG
Topic: 556 Message: 557

Most of them are in the files section. You could look here too:
http://atlas.wireless.org.uk/mods.htm

--- In atlas_radio@yahoogroups.com, "davebtw" <davebtw@...> wrote:
>
> Hello,
>
> Many years ago I purchased a complete Atlas 350XL with matching power supply as a basket case with the transmitter PA and driver board removed. I fired up the unit and the receiver seemed to be working OK for its age.
>
> I have decided to investigate the feasibility of restoring the unit. I have seen snippets of mods, mostly for the PA section. Is there a single place where all of these mods, including those for the ALC, AGC, and QSK operation are collected together?
>
> I am equipped with test sufficient test equipment and experience, but as always I would like to see what others have tried. I have searched this forum a bit, but things are scattered around a bit.
>
> Suggestions?
>
> Thanks,
>
> -david BTW
> WA7OPV
>

558. Re: Restoring an Atlas 350XL and Power Supply

Yahoo group: atlas_radio
Date: 2010-07-27 17:21:20 UTC
From: davebtw
Topic: 556 Message: 558

I have looked through these, and it appears that these are listed under other models. Are the circuits common to the 350XL as well?

-david BTW

--- In atlas_radio@yahoogroups.com, "AA9GG" <paul.aa9gg@...> wrote:
>
> Most of them are in the files section. You could look here too:
> http://atlas.wireless.org.uk/mods.htm
>
>
> --- In atlas_radio@yahoogroups.com, "davebtw" <davebtw@> wrote:
> >
> > Hello,
> >
> > Many years ago I purchased a complete Atlas 350XL with matching power supply as a basket case with the transmitter PA and driver board removed. I fired up the unit and the receiver seemed to be working OK for its age.
> >
> > I have decided to investigate the feasibility of restoring the unit. I have seen snippets of mods, mostly for the PA section. Is there a single place where all of these mods, including those for the ALC, AGC, and QSK operation are collected together?
> >
> > I am equipped with test sufficient test equipment and experience, but as always I would like to see what others have tried. I have searched this forum a bit, but things are scattered around a bit.
> >
> > Suggestions?
> >
> > Thanks,
> >
> > -david BTW
> > WA7OPV
> >
>

559. Re: [atlas_radio] Re: Restoring an Atlas 350XL and Power Supply

Yahoo group: atlas_radio
Date: 2010-07-27 17:36:04 UTC
From: Paul Mateer
Topic: 556 Message: 559

I'm not positive...I'm a 210(NOT x) guy.

On Tue, Jul 27, 2010 at 12:21 PM, davebtw <davebtw@...> wrote:

>
>
> I have looked through these, and it appears that these are listed under
> other models. Are the circuits common to the 350XL as well?
>
> -david BTW
>
> --- In atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>,
> "AA9GG" <paul.aa9gg@...> wrote:
> >
> > Most of them are in the files section. You could look here too:
> > http://atlas.wireless.org.uk/mods.htm
> >
> >
> > --- In atlas_radio@yahoogroups.com <atlas_radio%40yahoogroups.com>,
> "davebtw" <davebtw@> wrote:
> > >
> > > Hello,
> > >
> > > Many years ago I purchased a complete Atlas 350XL with matching power
> supply as a basket case with the transmitter PA and driver board removed. I
> fired up the unit and the receiver seemed to be working OK for its age.
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> > > I have decided to investigate the feasibility of restoring the unit. I
> have seen snippets of mods, mostly for the PA section. Is there a single
> place where all of these mods, including those for the ALC, AGC, and QSK
> operation are collected together?
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> > > I am equipped with test sufficient test equipment and experience, but
> as always I would like to see what others have tried. I have searched this
> forum a bit, but things are scattered around a bit.
> > >
> > > Suggestions?
> > >
> > > Thanks,
> > >
> > > -david BTW
> > > WA7OPV
> > >
> >
>

>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

560. RE: [atlas_radio] Re: Restoring an Atlas 350XL and Power Supply

Yahoo group: atlas_radio
Date: 2010-07-27 19:38:18 UTC
From: MIKE DURKIN
Topic: 556 Message: 560

The files (i feel) at .org.uk are out of date - ie old and not accurate .. im waiting for a latest revision to be delivered here .. and then ill know for sure how much difference there is between he online pdf and hard copy there is ....

I do know that a 3n211 works well for a replacement mixer for the VFO/crystal mixer ...

Mike
KC7NOA
To: atlas_radio@yahoogroups.com
From: paul.aa9gg@...
Date: Tue, 27 Jul 2010 17:03:39 +0000
Subject: [atlas_radio] Re: Restoring an Atlas 350XL and Power Supply

Most of them are in the files section. You could look here too:

http://atlas.wireless.org.uk/mods.htm

--- In atlas_radio@yahoogroups.com, "davebtw" <davebtw@...> wrote:

>

> Hello,

>

> Many years ago I purchased a complete Atlas 350XL with matching power supply as a basket case with the transmitter PA and driver board removed. I fired up the unit and the receiver seemed to be working OK for its age.

>

> I have decided to investigate the feasibility of restoring the unit. I have seen snippets of mods, mostly for the PA section. Is there a single place where all of these mods, including those for the ALC, AGC, and QSK operation are collected together?

>

> I am equipped with test sufficient test equipment and experience, but as always I would like to see what others have tried. I have searched this forum a bit, but things are scattered around a bit.

>

> Suggestions?

>

> Thanks,

>

> -david BTW

> WA7OPV

>

[Non-text portions of this message have been removed]

561. 215x waffer switch

Yahoo group: atlas_radio
Date: 2010-07-27 20:52:23 UTC
From: eldon
Topic: 561 Message: 561

Does anyone know where I can get a Waffer switch for my 215X
I need the Off/Cal/Rec/Trans/Cw waffer
K5EBI Benton, Ar

562. Atlas 210

Yahoo group: atlas_radio
Date: 2010-07-28 00:25:58 UTC
From: Chuck
Topic: 196 Message: 562

have a 210 with on audio output have power to the output on PA board. Where do I look next?

563. Re: [atlas_radio] Atlas 210

Yahoo group: atlas_radio
Date: 2010-07-30 04:20:39 UTC
From: Dave Voigtsberger
Topic: 196 Message: 563

Chuck,
The audio circuit is easy on this model. I have pasted a paragraph from the manual.

4-13. PC-300C Receiver Audio, Oscillator Switch
The audio output from PC-200C is coupled through terminal 20 of PC-300C, through C303 to pin 12 of the Integrated
Circuit Q301, which is the A.F. Amplifier. The output of Q301 is coupled through C302 to terminal 22 of PC-300C to the
AF GAIN control on the front panel, then back through terminal 12 of PC-300C to the input of the AF Power Amplifier
Q302. The signal is further amplified and coupled through C320 to terminal 15 of PC-300C to the speaker. Q302 delivers 2
watts of audio to the 3.2 ohm speaker

Try injecting an audio signal at the AF gain control on the front panel to see which way to go. I have found a shorted electrolytic cap on that board too. I think it was C318. 22uf. I think it went because it was rated at 12 volts and is on the 13 volt B+ line.

Dave
WB4MWF

--- On Tue, 7/27/10, Chuck <famabc@...> wrote:

> From: Chuck <famabc@...>
> Subject: [atlas_radio] Atlas 210
> To: atlas_radio@yahoogroups.com
> Date: Tuesday, July 27, 2010, 8:25 PM
> have a 210 with on audio output have
> power to the output on PA board. Where do I look next?
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>   atlas_radio-fullfeatured@yahoogroups.com
>
>
>

564. 350XL input

Yahoo group: atlas_radio
Date: 2010-07-30 06:00:19 UTC
From: MIKE DURKIN
Topic: 564 Message: 564

Any one have experience in aligning the first bandpass on a 350XL ??

Mine is just plain deaf (lots of loss of signal) and im trying to get an idea why ....

Putting an antenna input to pin 1 of PC150 and i get lots of signal .... The "Cal" signal is low too .. It even goes up when a scope probe is placed on the away side from the relay of C832 of PC825 (the CAL input point)

Mike
KC7NOA

[Non-text portions of this message have been removed]

565. Re: [atlas_radio] 350XL input

Yahoo group: atlas_radio
Date: 2010-07-30 14:11:22 UTC
From: dennis hatch
Topic: 564 Message: 565

Mike:
     You might want to closely "visually inspect" the associated circuitry. The TX predriver & PA are known to go into self-oscillation in receive mode and burn up the RX preselector circuit for the selected band the rig happens to be in at the time. I had one "take off" and was putting out 200 plus Watts into a dummy load in receive mode and it "smoked" my 15 meter preselector coils.....
     The 350 has some design issues that were never corrected during it's manufacture. Some worked without instability problems, but most "didn't"...... without extensive negative feedback modifications.
     You probably have an open coil in the preselector. Is it "deaf" on all the bands?

Good Luck,

Dennis

--- On Fri, 7/30/10, MIKE DURKIN <Patriot121@...> wrote:

From: MIKE DURKIN <Patriot121@...>
Subject: [atlas_radio] 350XL input
To: "Atlas Radio" <atlas210x-215x@yahoogroups.com>, atlas_radio@yahoogroups.com
Date: Friday, July 30, 2010, 1:00 AM

Any one have experience in aligning the first bandpass on a 350XL ??

Mine is just plain deaf (lots of loss of signal) and im trying to get an idea why ....

Putting an antenna input to pin 1 of PC150 and i get lots of signal .... The "Cal" signal is low too .. It even goes up when a scope probe is placed on the away side from the relay of C832 of PC825 (the CAL input point)

Mike
KC7NOA

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

566. Atlas 210 Noise Blanker

Yahoo group: atlas_radio
Date: 2010-07-31 05:20:23 UTC
From: nevgo
Topic: 566 Message: 566

Does anyone want to part with a PS120 RF Board (with noise blanker)or could tell me where I might get one?

567. Re: [atlas_radio] Atlas 210 Noise Blanker

Yahoo group: atlas_radio
Date: 2010-07-31 06:01:15 UTC
From: Paul Mateer
Topic: 566 Message: 567

I just ran across this guys website:
http://www.earlandrews.com/Junkrigs.html
might be worth looking into.

On Sat, Jul 31, 2010 at 12:20 AM, nevgo <bruno-well132@...> wrote:

>
>
> Does anyone want to part with a PS120 RF Board (with noise blanker)or could
> tell me where I might get one?
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

568. RE: [atlas_radio] Atlas 210 Noise Blanker

Yahoo group: atlas_radio
Date: 2010-08-01 07:17:36 UTC
From: N G
Topic: 566 Message: 568

Thanks for the tip - it looks like he may have something..

> To: atlas_radio@yahoogroups.com
> From: paul.aa9gg@...
> Date: Sat, 31 Jul 2010 01:01:15 -0500
> Subject: Re: [atlas_radio] Atlas 210 Noise Blanker
>
> I just ran across this guys website:
> http://www.earlandrews.com/Junkrigs.html
> might be worth looking into.
>
> On Sat, Jul 31, 2010 at 12:20 AM, nevgo <bruno-well132@...> wrote:
>
> >
> >
> > Does anyone want to part with a PS120 RF Board (with noise blanker)or could
> > tell me where I might get one?
> >
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>
> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com
> NAQCC 3123, SKCC 4628, FPQRP 2003
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>
> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

569. Re: [atlas_radio] Atlas 210 Noise Blanker

Yahoo group: atlas_radio
Date: 2010-08-01 13:04:41 UTC
From: Jim
Topic: 566 Message: 569

I added this link in the "Links" area.

-- Jim the moderator

----- Original Message ----
> From: N G <bruno-well132@...>
> To: atlas_radio@yahoogroups.com
> Sent: Sun, August 1, 2010 2:17:36 AM
> Subject: RE: [atlas_radio] Atlas 210 Noise Blanker
>
>
> Thanks for the tip - it looks like he may have something..
>
>
> > To: atlas_radio@yahoogroups.com
> > From: paul.aa9gg@...
> > Date: Sat, 31 Jul 2010 01:01:15 -0500
> > Subject: Re: [atlas_radio] Atlas 210 Noise Blanker
> >
> > I just ran across this guys website:
> > http://www.earlandrews.com/Junkrigs.html
> > might be worth looking into.
> >
> > On Sat, Jul 31, 2010 at 12:20 AM, nevgo <bruno-well132@...> wrote:
> >
> > >
> > >
> > > Does anyone want to part with a PS120 RF Board (with noise blanker)or
>could
> > > tell me where I might get one?
> > >
> > >
> > >

570. PC-250

Yahoo group: atlas_radio
Date: 2010-08-09 02:29:57 UTC
From: MIKE DURKIN
Topic: 570 Message: 570

This is just a post for the archives ..

Atlas 350XL

iv used a NTE-746 to replace a MC1439P on PC-250 with good results. Pin 3 needs to be grounded or bypassed mabey - i just grounded it.

Mike
KC7NOA

[Non-text portions of this message have been removed]

571. RE: [atlas_radio] PC-250

Yahoo group: atlas_radio
Date: 2010-08-09 04:26:33 UTC
From: MIKE DURKIN
Topic: 570 Message: 571

Well its not the best .. it works. Any one know of a better sub ??

To: atlas210x-215x@yahoogroups.com; atlas_radio@yahoogroups.com
From: Patriot121@msn.com
Date: Sun, 8 Aug 2010 19:29:57 -0700
Subject: [atlas_radio] PC-250

This is just a post for the archives ..

Atlas 350XL

iv used a NTE-746 to replace a MC1439P on PC-250 with good results. Pin 3 needs to be grounded or bypassed mabey - i just grounded it.

Mike

KC7NOA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

572. Atlas 350xl partz

Yahoo group: atlas_radio
Date: 2010-08-09 05:28:32 UTC
From: MIKE DURKIN
Topic: 572 Message: 572

Any one have a dial for a 350XL ??? one of mine is stiff as a board ... ie the slow speed spin is fast ...

Mike
KC7NOA

[Non-text portions of this message have been removed]

573. Selling My 210-X

Yahoo group: atlas_radio
Date: 2010-08-15 20:10:54 UTC
From: wd5iky
Topic: 573 Message: 573

I have a nice, clean 210X with matching AC and DC power supplies.
It's been to Rick Jacinth in Oceanside, CA earlier this year. Rick did minimal repairs and cleaned it. I've had it on the air twice since then with good signal and audio reports. Putting out right at 100 watts.
The AGC is not to my liking...and rig requires some warm-up time for stabilization but all in all not bad at all for an almost 40 year-old radio.
I have pictures of the rig and AC power supply...oh, speaking of the power supply, I haven't been able to get the rig to power-up to the docking supply. Trouble shot it as much as I wanted to and then went on to other things. Getting proper voltages to the bananna receptacles but rig doesn't power when docked...and that may be the problem. I've done everything I can thing of to expand/clean/etc. both the PS receptacles and the rigs bananna plugs and still nada. Maybe leaky cap and it's not handling the load when the rig is "on"...not sure.
Be glad to send pictures via e-mail and when I'm back in Texas early nexgt month I can send pic of DC power supply if need be.
I'm not big on separating components when it comes to vintage equipment and want to find someone who understands the importance/benefits of having the "whole enchilada".
I have done no research as to what the going prices are for Atlas gear. So, right now, I'll say "make me an offer" and in the meantime I'll do some looking into what might be fair price.
Thanks
Duncan
XE1/WD5IKY
wd5iky@...

574. dimentions

Yahoo group: atlas_radio
Date: 2010-08-17 21:12:44 UTC
From: MIKE DURKIN
Topic: 574 Message: 574

does any one have dimensions for the 180 .. id like to make a case. (i got my radio with out one!!)

KC7NOA

[Non-text portions of this message have been removed]

575. Re: [atlas_radio] dimentions

Yahoo group: atlas_radio
Date: 2010-08-18 01:52:51 UTC
From: Dave - WB6DHW
Topic: 574 Message: 575

My 180 measures 9.45" W X 6.75" D X 3.5" H.

Dave - WB6DHW
<http://wb6dhw.com>

On 8/17/2010 2:12 PM, MIKE DURKIN wrote:
> does any one have dimensions for the 180 .. id like to make a case. (i got my radio with out one!!)
>
> KC7NOA
>
>
> [Non-text portions of this message have been removed]
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576. RE: [atlas_radio] dimentions

Yahoo group: atlas_radio
Date: 2010-08-18 01:56:45 UTC
From: darrell huth
Topic: 574 Message: 576

I think I may have a case in my garage...Let me look!...Darrell WB6VHK / 805-827-2927

To: atlas_radio@yahoogroups.com
From: brainerd@...
Date: Tue, 17 Aug 2010 18:52:51 -0700
Subject: Re: [atlas_radio] dimentions

My 180 measures 9.45" W X 6.75" D X 3.5" H.

Dave - WB6DHW

<http://wb6dhw.com>

On 8/17/2010 2:12 PM, MIKE DURKIN wrote:

> does any one have dimensions for the 180 .. id like to make a case. (i got my radio with out one!!)

>

> KC7NOA

>

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> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

577. Power Supply Rebuild

Yahoo group: atlas_radio
Date: 2010-08-30 20:32:23 UTC
From: wd5iky
Topic: 577 Message: 577

Not sure if it was on this site on not but remember reading about someone who had recently rebuilt their 210X power supply (docking AC).
Anyone know/remember that post/article? I'd appreciate knowing where I could find it.
Thanks,
Duncan
XE1/WD5IKY
San Miguel de Allende, Guanajuato, Mexico

578. FW: [atlas_radio] dimentions

Yahoo group: atlas_radio
Date: 2010-09-02 14:16:31 UTC
From: MIKE DURKIN
Topic: 578 Message: 578

```
Guess my email inst getting through - ill try the group now....

From: patriot121@...
To: dh1338@...
Subject: RE: [atlas_radio] dimentions
Date: Sun, 29 Aug 2010 15:02:19 -0700

Any luck ??

Mike
KC7NOA

> To: atlas_radio@yahoogroups.com
> From: dh1338@...
> Date: Wed, 18 Aug 2010 01:56:45 +0000
> Subject: RE: [atlas_radio] dimentions
>
>
> I think I may have a case in my garage...Let me look!...Darrell WB6VHK / 805-827-2927
>
> To: atlas_radio@yahoogroups.com
> From: brainerd@...
> Date: Tue, 17 Aug 2010 18:52:51 -0700
> Subject: Re: [atlas_radio] dimentions
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> My 180 measures 9.45" W X 6.75" D X 3.5" H.
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> Dave - WB6DHW
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> <http://wb6dhw.com>
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>
> On 8/17/2010 2:12 PM, MIKE DURKIN wrote:
>
> > does any one have dimensions for the 180 .. id like to make a case. (i got my radio with out one!!)
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> > KC7NOA
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579. Atlas 350XL

Yahoo group: atlas_radio
Date: 2010-09-12 13:48:59 UTC
From: kk0dj
Topic: 579 Message: 579

All... just picked up another 350XL. This one is very nice appearance-wise and operationally. Purchased it on Ebay from ddyer0434. I was a bit anxious about purchasing it on Ebay, but the rig came extremely well packed and works on all bands perfectly. I will post some pics of it for other 350XL afficianados to peruse after I post this message! This morning I got up early to maybe work some DX and found JW7XM in Svalbard and worked him on the second call. 150watts into a 20m sloper! Now my other 350XL can hit the bench for some needed repairs and tuning.
73
Dennis
KK0DJ

580. BA182 pdf

Yahoo group: atlas_radio
Date: 2010-09-12 16:26:33 UTC
From: MIKE DURKIN
Topic: 580 Message: 580

On a 350XL ..

Any one have an idea why (and know where an English pdf is) D107 on PC150 is a BA182 ..... just current handeling??

Mike
KC7NOA

[Non-text portions of this message have been removed]

581. Re: [atlas_radio] BA182 pdf

Yahoo group: atlas_radio
Date: 2010-09-12 19:03:41 UTC
From: Paul Mateer
Topic: 580 Message: 581

appears to be rated at only 100mA but its a VHF switching type.
http://www.datasheetarchive.com/BA182-datasheet.html

On Sun, Sep 12, 2010 at 11:26 AM, MIKE DURKIN <Patriot121@...> wrote:

>
>
>
> On a 350XL ..
>
> Any one have an idea why (and know where an English pdf is) D107 on PC150
> is a BA182 ..... just current handeling??
>
> Mike
> KC7NOA
>
>
> [Non-text portions of this message have been removed]
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

582. Sale

Yahoo group: atlas_radio
Date: 2010-09-23 01:11:26 UTC
From: MIKE DURKIN
Topic: 582 Message: 582

Im selling this Atlas 180 .. does the video work ok ??

http://www.youtube.com/watch?v=fKRyJ7IQIxQ

[Non-text portions of this message have been removed]

583. Re: Sale

Yahoo group: atlas_radio
Date: 2010-09-23 13:03:08 UTC
From: toledohamradio
Topic: 582 Message: 583

Video worked well. Do you have top cover for radio? Is it 'rusty'?
Thanks & 73's
John

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
>
> Im selling this Atlas 180 .. does the video work ok ??
>
> http://www.youtube.com/watch?v=fKRyJ7IQIxQ
>
>
> [Non-text portions of this message have been removed]
>

584. RE: [atlas_radio] Re: Sale

Yahoo group: atlas_radio
Date: 2010-09-23 19:00:05 UTC
From: MIKE DURKIN
Topic: 582 Message: 584

Its not rusty .. but some of the screws on the face are -- ill assume that was from being cleand at one time.
http://tiny.cc/nc0ts

To: atlas_radio@yahoogroups.com
From: toledohamradio@...
Date: Thu, 23 Sep 2010 13:03:08 +0000
Subject: [atlas_radio] Re: Sale

Video worked well. Do you have top cover for radio? Is it 'rusty'?
Thanks & 73's
John

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
>
> Im selling this Atlas 180 .. does the video work ok ??
>
> http://www.youtube.com/watch?v=fKRyJ7IQIxQ
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

585. 350XL IF

Yahoo group: atlas_radio
Date: 2010-09-28 19:38:08 UTC
From: MIKE DURKIN
Topic: 585 Message: 585

I seem to remember some one looking for a 350XL IF can ... i didn't find it in the search .. does any one remember whom it was asking?? i think i might have the same problem ... and im not sure how to test it because my scope probe is only 1M, and not meant for 6Mhz really. I get alot of attenuation when ever i probe in the IF section but not at the ring mixer ...

Mike
KC7NOA

[Non-text portions of this message have been removed]

586. atlas 180 no tx

Yahoo group: atlas_radio
Date: 2010-10-26 23:41:52 UTC
From: danny
Topic: 586 Message: 586

Hello I bought A atlas 180 the other day has great rx but no tx does anybody know if this is common problem or if there's a quick fix.. THANKS

587. Re: [atlas_radio] atlas 180 no tx

Yahoo group: atlas_radio
Date: 2010-10-27 01:05:41 UTC
From: Dave - WB6DHW
Topic: 586 Message: 587

Blown finals were common due to overheating from lack of airflow. Some have replaced them with MRF454's.
I have an Atlas 180 I bought new in 1974 that I use everyday and still has the original finals.

Dave - WB6DHW
<http://wb6dhw.com>

On 10/26/2010 4:41 PM, danny wrote:
> Hello I bought A atlas 180 the other day has great rx but no tx does anybody know if this is common problem or if there's a quick fix.. THANKS
>
>
>
>

588. How to Fix Airflow Issues??

Yahoo group: atlas_radio
Date: 2010-10-27 12:45:15 UTC
From: toledohamradio
Topic: 586 Message: 588

What's the best way to fix this? Do you need more airflow INSIDE the metal final box, or on the fins to take away the heat?
Suggestions on how to cool / prolong the life?
Likewise, is this an issue on the 210X and Atlas 215 models?
73's
John

--- In atlas_radio@yahoogroups.com, Dave - WB6DHW <brainerd@...> wrote:
Blown finals were common due to overheating from lack of airflow.

589. Re: [atlas_radio] How to Fix Airflow Issues??

Yahoo group: atlas_radio
Date: 2010-10-27 15:02:59 UTC
From: Dave Voigtsberger
Topic: 586 Message: 589

John,
Typically the Atlas does not need airflow except when in closed spaces. As with any heat sync, put your hand on it. If you can hold it, it's OK. If it's too hot to touch, it needs ventilation.
Dave

--- On Wed, 10/27/10, toledohamradio <toledohamradio@...> wrote:

> From: toledohamradio <toledohamradio@...>
> Subject: [atlas_radio] How to Fix Airflow Issues??
> To: atlas_radio@yahoogroups.com
> Date: Wednesday, October 27, 2010, 8:45 AM
> What's the best way to fix this? Do
> you need more airflow INSIDE the metal final box, or on the
> fins to take away the heat?
> Suggestions on how to cool / prolong the life?
> Likewise, is this an issue on the 210X and Atlas 215
> models?
> 73's
> John
>
> --- In atlas_radio@yahoogroups.com,
> Dave - WB6DHW <brainerd@...> wrote:
> Blown finals were common due to overheating from lack of
> airflow.
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>
> Yahoo! Groups Links
>
>
>   atlas_radio-fullfeatured@yahoogroups.com
>
>
>

590. RE: [atlas_radio] How to Fix Airflow Issues??

Yahoo group: atlas_radio
Date: 2010-10-27 15:16:37 UTC
From: MIKE DURKIN
Topic: 586 Message: 590

Or a fan with some heat sensing setup. The Atlas 350XL PA can get hot fairly quick.

Mike
KC7NOA

To: atlas_radio@yahoogroups.com
From: wb4mwf@yahoo.com
Date: Wed, 27 Oct 2010 08:02:59 -0700
Subject: Re: [atlas_radio] How to Fix Airflow Issues??

John,
Typically the Atlas does not need airflow except when in closed spaces. As with any heat sync, put your hand on it. If you can hold it, it's OK. If it's too hot to touch, it needs ventilation.
Dave

--- On Wed, 10/27/10, toledohamradio <toledohamradio@...m> wrote:

> From: toledohamradio <toledohamradio@...>
> Subject: [atlas_radio] How to Fix Airflow Issues??
> To: atlas_radio@yahoogroups.com
> Date: Wednesday, October 27, 2010, 8:45 AM
> What's the best way to fix this? Do
> you need more airflow INSIDE the metal final box, or on the
> fins to take away the heat?
> Suggestions on how to cool / prolong the life?
> Likewise, is this an issue on the 210X and Atlas 215
> models?
> 73's
> John
>
> --- In atlas_radio@yahoogroups.com,
> Dave - WB6DHW <brainerd@...> wrote:
> Blown finals were common due to overheating from lack of
> airflow.
>
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>
> Yahoo! Groups Links
>
>
> atlas_radio-fullfeatured@yahoogroups.com
>
>

>

[Non-text portions of this message have been removed]

591. Re: [atlas_radio] How to Fix Airflow Issues??

Yahoo group: atlas_radio
Date: 2010-10-27 16:14:34 UTC
From: Jim
Topic: 586 Message: 591

A fan on the back of the heatsink, blowing in, should be ample.

Assuming you have at least a little airflow around the fins to begin with, and assuming you're not trying to use the radio above 120F ambient, nor mounting it to the roof of a vehicle parked in the hot sun.

Under normal circumstances, the rig in the console without a fan should last for many years. Personally, I've never seen blown finals in an Atlas, but I've also never been one to really abuse rigs.

N6OTQ

----- Original Message ----
> From: toledohamradio <toledohamradio@...>
>
> What's the best way to fix this? Do you need more airflow INSIDE the metal
>final box, or on the fins to take away the heat?
> Suggestions on how to cool / prolong the life?
> Likewise, is this an issue on the 210X and Atlas 215 models?
> 73's
> John

592. atlas 180 no tx

Yahoo group: atlas_radio
Date: 2010-10-27 17:54:24 UTC
From: danny
Topic: 586 Message: 592

Is there a easy way to find out for sure?

593. RE: [atlas_radio] atlas 180 no tx

Yahoo group: atlas_radio
Date: 2010-10-27 18:20:19 UTC
From: MIKE DURKIN
Topic: 586 Message: 593

Do you have a Scope ??

To: atlas_radio@yahoogroups.com
From: kk5pa@yahoo.com
Date: Wed, 27 Oct 2010 17:54:24 +0000
Subject: [atlas_radio] atlas 180 no tx

Is there a easy way to find out for sure?

[Non-text portions of this message have been removed]

594. atlas 180 no txl got VOM

Yahoo group: atlas_radio
Date: 2010-10-27 18:48:47 UTC
From: danny
Topic: 594 Message: 594

No I got VOM.

595. RE: [atlas_radio] atlas 180 no txI got VOM

Yahoo group: atlas_radio
Date: 2010-10-27 18:57:24 UTC
From: MIKE DURKIN
Topic: 594 Message: 595

can you build an RF probe to be used with the VOM ?

To: atlas_radio@yahoogroups.com
From: kk5pa@...
Date: Wed, 27 Oct 2010 18:48:47 +0000
Subject: [atlas_radio] atlas 180 no txI got VOM

No I got VOM.

[Non-text portions of this message have been removed]

596. atlas 180 no tx

Yahoo group: atlas_radio
Date: 2010-10-27 19:00:00 UTC
From: danny
Topic: 586 Message: 596

No I don't think so..

597. Re: [atlas_radio] How to Fix Airflow Issues??

Yahoo group: atlas_radio
Date: 2010-10-27 19:42:48 UTC
From: dennis hatch
Topic: 586 Message: 597

First thing: "Refresh" the thermal conduction of the power transistors by disassembly of the RF AMP PC Board from the heatsink, and apply new thermal compound! After 30 years the old stuff just might not work like it should? Then put in the negative feed-back modifications to the final amplifier's stages that the factory left out for cost cut reasons....

73
WA0WAB

--- On Wed, 10/27/10, toledohamradio <toledohamradio@...> wrote:

From: toledohamradio <toledohamradio@...>
Subject: [atlas_radio] How to Fix Airflow Issues??
To: atlas_radio@yahoogroups.com
Date: Wednesday, October 27, 2010, 7:45 AM

What's the best way to fix this? Do you need more airflow INSIDE the metal final box, or on the fins to take away the heat?
Suggestions on how to cool / prolong the life?
Likewise, is this an issue on the 210X and Atlas 215 models?
73's
John

--- In atlas_radio@yahoogroups.com, Dave - WB6DHW <brainerd@...> wrote:
Blown finals were common due to overheating from lack of airflow.

Yahoo! Groups Links

[Non-text portions of this message have been removed]

598. Re: [atlas_radio] How to Fix Airflow Issues??

Yahoo group: atlas_radio
Date: 2010-10-27 20:22:43 UTC
From: Dave - WB6DHW
Topic: 586 Message: 598

On 10/27/2010 5:45 AM, toledohamradio wrote:
> What's the best way to fix this? Do you need more airflow INSIDE the metal final box, or on the fins to take away the heat?
> Suggestions on how to cool / prolong the life?
> Likewise, is this an issue on the 210X and Atlas 215 models?
> 73's
> John
>
> --- In atlas_radio@yahoogroups.com, Dave - WB6DHW<brainerd@...> wrote:
> Blown finals were common due to overheating from lack of airflow.
>
>
>
>
If it is in the open it is OK. I think the people with the problem had the 180 jammed up against the firewall in their car where no air could flow. Also depends on your transmit duty cycle. I have no problem with mine, but I only use SSB and the 180 is on a desktop. Since the 210X and 215 use the same design, it could also be the same.
A fan mounted on the heatsink would keep it cool enough. Could be controlled by the PTT.

Dave - WB6DHW
<http://wb6dhw.com>

599. Re: [atlas_radio] How to Fix Airflow Issues??

Yahoo group: atlas_radio
Date: 2010-10-27 20:37:17 UTC
From: Jim
Topic: 586 Message: 599

You might use PTT to put full voltage on the fan, and the "power on" line to put 6 or 8 volts on it, so that there's always air flow, even _after_ you've unkeyed.

Since PTT is available on the socket on the rear apron, using PTT is always an attractive option. No, the PTT line will NOT sink/source enough current for the fan. so you need a relay or switching transistor.

Or you could work out a thermal switch, which would ensure that the heatsink cools properly after unkeying. Seems like there was a thermal circuit in QST within the last few years (do NOT ask me to find it :)) but this is easy enough to figure out on your own.

Jim N6OTQ

----- Original Message ----
> From: Dave - WB6DHW <brainerd@...>

> If it is in the open it is OK. I think the people with the problem had the
>
> 180 jammed up against the firewall in their car where no air could flow. Also
>
> depends on your transmit duty cycle. I have no problem with mine, but I only

> use SSB and the 180 is on a desktop. Since the 210X and 215 use the same
> design, it could also be the same.
> A fan mounted on the heatsink would keep it cool enough. Could be
>controlled
>
> by the PTT.

600. Re: [atlas_radio] How to Fix Airflow Issues??

Yahoo group: atlas_radio
Date: 2010-10-28 12:49:43 UTC
From: Jerry Spears
Topic: 586 Message: 600

From: Jim <n6otq@...>
To: atlas_radio@yahoogroups.com
Sent: Wed, October 27, 2010 4:37:17 PM
Subject: Re: [atlas_radio] How to Fix Airflow Issues??

You might use PTT to put full voltage on the fan, and the "power on" line to put

6 or 8 volts on it, so that there's always air flow, even _after_ you've
unkeyed.

Since PTT is available on the socket on the rear apron, using PTT is always an
attractive option. No, the PTT line will NOT sink/source enough current for the
fan. so you need a relay or switching transistor.

Or you could work out a thermal switch, which would ensure that the heatsink
cools properly after unkeying. Seems like there was a thermal circuit in QST
within the last few years (do NOT ask me to find it :)) but this is easy
enough to figure out on your own.

Jim N6OTQ

----- Original Message ----
> From: Dave - WB6DHW <brainerd@...>

> If it is in the open it is OK. I think the people with the problem had the
>
> 180 jammed up against the firewall in their car where no air could flow. Also
>
> depends on your transmit duty cycle. I have no problem with mine, but I only

> use SSB and the 180 is on a desktop. Since the 210X and 215 use the same
> design, it could also be the same.
> A fan mounted on the heatsink would keep it cool enough. Could be
>controlled
>
> by the PTT.

[Non-text portions of this message have been removed]

601. Re: [atlas_radio] How to Fix Airflow Issues??

Yahoo group: atlas_radio
Date: 2010-10-28 12:53:33 UTC
From: Jim
Topic: 586 Message: 601

Jerry,

Did you mean to say something?

This group is specifically configured only to accept text-based messages, and to strip all attachments...

Jim N6OTQ
group owner

----- Original Message ----
> From: Jerry Spears <jerryind@...>
> To: atlas_radio@yahoogroups.com
> Sent: Thu, October 28, 2010 7:49:43 AM
> Subject: Re: [atlas_radio] How to Fix Airflow Issues??
>
>
>
>

602. Re: [atlas_radio] How to Fix Airflow Issues??

Yahoo group: atlas_radio
Date: 2010-10-28 18:01:43 UTC
From: Jerry Spears
Topic: 586 Message: 602

I would check your PA bias, I feel the heat sink is quite adequate. Does it get warm without any drive?

[Non-text portions of this message have been removed]

603. Re: atlas 180 no txI got VOM

Yahoo group: atlas_radio
Date: 2010-10-29 18:12:52 UTC
From: k5jxl
Topic: 594 Message: 603

Hi Mike, just interested in subject, I also have a Atlas 210, and Atlas 180, What is your troubleshooting procedure for checking the radio with RF probe and VOM??
Thanks
73 Ken

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
>
> can you build an RF probe to be used with the VOM ?
>
>
>
> To: atlas_radio@yahoogroups.com
> From: kk5pa@...
> Date: Wed, 27 Oct 2010 18:48:47 +0000
> Subject: [atlas_radio] atlas 180 no txI got VOM
>
>
>
>
>
>
>
> No I got OM.
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

604. My 210X

Yahoo group: atlas_radio
Date: 2010-11-03 16:54:32 UTC
From: Richard Pettit WA2ROC
Topic: 604 Message: 604

I got my 210X in working condition with a working "dock" from a co-worker whose father had passes on a few years back. He said that I could have it since I would use it and put it to good use.

I recently noticed that it was not putting out a hole lot of power, but I never hooked up a dummy load and watt meter to it. I found the problem easy enough as I watched the dial lamps dim as I keyed the rig. The 12 volt wiring was no larger than 18 gauge and the voltage drop was horrible.

I made up a new harness from several lengths of #14 wire in each leg and used a Pyramid linear power supply rather than the dock supply. Now there's less than 200 mv of drop and I'm getting anywhere from 80 to 100 watts out (CW mode)

I am using a D-104 and got good signal reports up and down the east coast. I plan to sit the 210X on top of my Marauder and use it for casual conversation.

Anything else I need to know about this radio?

605. Re: [atlas_radio] My 210X

Yahoo group: atlas_radio
Date: 2010-11-03 18:14:38 UTC
From: Jim
Topic: 604 Message: 605

Only that it was THE coolest ham radio to own in the mid-1970s.

Jim N6OTQ
group owner

----- Original Message ----
> From: Richard Pettit WA2ROC <pettit@...>
> To: atlas_radio@yahoogroups.com
> Sent: Wed, November 3, 2010 11:54:32 AM
> Subject: [atlas_radio] My 210X
>
> I got my 210X in working condition with a working "dock" from a co-worker whose
>father had passes on a few years back. He said that I could have it since I
>would use it and put it to good use.
>
> I recently noticed that it was not putting out a hole lot of power, but I
>never hooked up a dummy load and watt meter to it. I found the problem easy
>enough as I watched the dial lamps dim as I keyed the rig. The 12 volt wiring
>was no larger than 18 gauge and the voltage drop was horrible.
>
> I made up a new harness from several lengths of #14 wire in each leg and used
>a Pyramid linear power supply rather than the dock supply. Now there's less
>than 200 mv of drop and I'm getting anywhere from 80 to 100 watts out (CW
>mode)
>
>
> I am using a D-104 and got good signal reports up and down the east coast. I
>plan to sit the 210X on top of my Marauder and use it for casual conversation.
>
> Anything else I need to know about this radio?

606. Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-04 17:00:26 UTC
From: Richard Pettit WA2ROC
Topic: 604 Message: 606

Has anyone tried to use a "converted" PC power supply to furnish power to a 210? I have several that I use for running battery chargers for R/C airplanes, but not supplying 15 amps peak.

I saw a link that shows how to boost the output from 12 volts t 14 volts with a resistor between 2 pins on the PWM chip and I may try that after I see how well the 210 works.

607. RE: [atlas_radio] Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-04 17:08:07 UTC
From: MIKE DURKIN
Topic: 604 Message: 607

I have used one ... But the RF noise from it was terrible on Rx .... so knowing where to place caps for filtering noise might be usefull .... The supplys i used delivered 45A in total at 14V. They would be better off used as switched on/off supplys for a linear.

Mike
KC7NOA

To: atlas_radio@yahoogroups.com
From: pettit@...
Date: Thu, 4 Nov 2010 17:00:26 +0000
Subject: [atlas_radio] Re: My 210X

Has anyone tried to use a "converted" PC power supply to furnish power to a 210? I have several that I use for running battery chargers for R/C airplanes, but not supplying 15 amps peak.

I saw a link that shows how to boost the output from 12 volts t 14 volts with a resistor between 2 pins on the PWM chip and I may try that after I see how well the 210 works.

[Non-text portions of this message have been removed]

608. Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-04 17:30:47 UTC
From: Richard Pettit WA2ROC
Topic: 604 Message: 608

Yes, they are noisy creatures. I really don't think adding capacitors would decrease RF noise output. It seems to be radiated noise, not conducted noise.

The DC is really clean but the unit emits RF in many parts of the radio spectrum, usually right on the frequency you are listening to!

609. Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-04 17:41:16 UTC
From: toledohamradio
Topic: 604 Message: 609

The mid-70's huh? Well call me Marty McFly, but I totally love the retro-radios of the 70's like the Atlas and the Regency's of the day!
John

--- In atlas_radio@yahoogroups.com, Jim <n6otq@...> wrote:
>
> Only that it was THE coolest ham radio to own in the mid-1970s.
>
> Jim N6OTQ
> group owner

610. Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-04 18:46:13 UTC
From: Richard Pettit WA2ROC
Topic: 604 Message: 610

Just like the bumper sticker says, "My other car is a ...."

Well,

My other radios are:

Heathkit Apache AM/CW 180 watts

Heathkit Marauder SSB/CW/maybe some AM 150 watts

Heathkit Mohawk double conversion receiver

Plus other assorted vintage Heath equipment

That's a grand total of about 45 or so vacuum tubes, all glowing gently in the shop.

All are 100% operational and in use just about every evening on 75 AM and 40 SSB.

The Atlas is just starting to get broken in, being the new kid on the block.

611. Re: [atlas_radio] My 210X

Yahoo group: atlas_radio
Date: 2010-11-04 19:41:53 UTC
From: Dave Voigtsberger
Topic: 604 Message: 611

Richard,
Where did you put the #14 wire. In the radio itself?
Dave
WB4MWF

--- On Wed, 11/3/10, Richard Pettit WA2ROC <pettit@...> wrote:

> From: Richard Pettit WA2ROC <pettit@...>
> Subject: [atlas_radio] My 210X
> To: atlas_radio@yahoogroups.com
> Date: Wednesday, November 3, 2010, 12:54 PM
> I got my 210X in working condition
> with a working "dock" from a co-worker whose father had
> passes on a few years back. He said that I could have
> it since I would use it and put it to good use.
>
> I recently noticed that it was not putting out a hole lot
> of power, but I never hooked up a dummy load and watt meter
> to it. I found the problem easy enough as I watched
> the dial lamps dim as I keyed the rig. The 12 volt
> wiring was no larger than 18 gauge and the voltage drop was
> horrible.
>
> I made up a new harness from several lengths of #14 wire in
> each leg and used a Pyramid linear power supply rather than
> the dock supply. Now there's less than 200 mv of drop and
> I'm getting anywhere from 80 to 100 watts out (CW
> mode)
>
> I am using a D-104 and got good signal reports up and down
> the east coast. I plan to sit the 210X on top of my
> Marauder and use it for casual conversation.
>
> Anything else I need to know about this radio?
>
>
>
>
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>
>
> ------------------------------------
>
> Yahoo! Groups Links
>

>
> atlas_radio-fullfeatured@yahoogroups.com
>
>
>

612. Re: [atlas_radio] My 210X

Yahoo group: atlas_radio
Date: 2010-11-04 23:58:19 UTC
From: Jim
Topic: 604 Message: 612

Presumably, from the back of the mobile mount to his Pyramid power supply. He didn't say he was using a 220 CS (the desk supply).

However, I just looked at the surplus 220 CS I have, and I saw plenty of places where a larger gauge of wire is called for. If you have some surplus "audiophile" speaker wire in #6 or larger, you might re-purpose it. Even for the few inches from the innards of this power supply to the rig, the internal wire is awful skimpy. A 100-watt-class solid-state radio is going to draw AT LEAST 200 watts, and at 12 VDC nominal, that's close to 20 amps.

I suggest 6 ga used speaker wire because it's micro-stranded and it's easier to wrap around the tight corners inside the 220 CS. Give your radio a treat!

But ... use what you've got. I've got a big roll of #8 or #10 zip-cord power cable (red and black) and that's what I'll be using as soon as I can get both my 220 CS supplies on the bench. If you're hard-wiring to a power supply and you hard-mount both the PS and the rig, you can use a couple of strands of #12 house wire in each of the pos and neg lines. If you have to. Stranded wire is preferred. Even with dozens of amps of "head room" you can still have thermal expansion in the power leads, and this isn't good on either end, even if there's a curve in the wire to allow allow for it.

Jim N6OTQ

----- Original Message ----
> From: Dave Voigtsberger <wb4mwf@...>
>
> Richard,
> Where did you put the #14 wire. In the radio itself?
> Dave
> WB4MWF
>
>
> --- On Wed, 11/3/10, Richard Pettit WA2ROC <pettit@...> wrote:
>
> > I made up a new harness from several lengths of #14 wire in
> > each leg and used a Pyramid linear power supply rather than
> > the dock supply. Now there's less than 200 mv of drop and
> > I'm getting anywhere from 80 to 100 watts out (CW
> > mode)
> >

613. Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-05 11:20:58 UTC
From: Richard Pettit WA2ROC
Topic: 604 Message: 613

I used several pieces (4) of #14 wire in both the positive and ground lead running from the Pyramid power supply to the banana plugs and jack
on the 210X. The total length of the harness is about 24".

When I get a chance I may dig into the Atlas Dock and rewire the power supply but I think the filter cap and diodes will need replacing too

614. New album added

Yahoo group: atlas_radio
Date: 2010-11-05 11:42:55 UTC
From: Richard Pettit WA2ROC
Topic: 614 Message: 614

in PHOTOS section

615. Re: [atlas_radio] Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-05 11:58:49 UTC
From: Jim
Topic: 604 Message: 615

Hi Richard

A simple diode test will show whether the diodes are good (test each leg of the bridge separately). The diode bridge in the 220 CS is adequate, and should last forever. The filter caps should be replaced as a matter of course with the highest-capacitance 105C-rated, lowest ESR capacitors that will fit in there. I wouldn't consider anything lower than 35V (100% above input voltage), and 50V would provide a better margin. I wouldn't go higher than that, unless you happened to find something good in new surplus.

Also, watch the date codes on the capacitors -- they do age just from sitting around. There's no point in replacing the 35-year-old capacitors in the 220 CS with "new" 25-year-old caps (1985 date code). And always look at the vent on the cap. Regardless of how new a surplus cap appears to be, if there's white or brown "ca-ca" around the vent, discard it or sell it at the next swapfest. This is a sign that the cap has been overheated, and it will be neither as reliable nor as effective as a new cap.

Your power supply really needs to be a "set it and forget it" component that always works and only needs service once in a generation.

My $0.02

Jim N6OTQ

PS -- 4 pieces of #14 gives approx. the same total circular mils as 1 pc of #8, which is rated at about 24 A at 700 circular mils per amp. 700 CM/A is the rating for wire inside a transformer with no cooling, so this is a very reasonable figure for a short run from a power supply to a 100-watt-class rig.

----- Original Message ----
> From: Richard Pettit WA2ROC <pettit@...>

> I used several pieces (4) of #14 wire in both the positive and ground lead
>running from the Pyramid power supply to the banana plugs and jack
> on the 210X. The total length of the harness is about 24".
>
> When I get a chance I may dig into the Atlas Dock and rewire the power supply
>but I think the filter cap and diodes will need replacing too
>

616. Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-05 12:05:47 UTC
From: Richard Pettit WA2ROC
Topic: 604 Message: 616

I plan to look around the shop here at work for some caps and maybe a diode or 2. Since we do a lot of power supply IC designing here, there should be something laying in a box somewhere.

617. Re: [atlas_radio] Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-05 12:07:17 UTC
From: Jim
Topic: 604 Message: 617

Hmm, maybe you can get some samples from the mfg. or a disti rep....

----- Original Message ----
> From: Richard Pettit WA2ROC <pettit@...>
> To: atlas_radio@yahoogroups.com
> Sent: Fri, November 5, 2010 7:05:47 AM
> Subject: [atlas_radio] Re: My 210X
>
> I plan to look around the shop here at work for some caps and maybe a
>diode or 2. Since we do a lot of power supply IC designing here, there should
>be something laying in a box somewhere.

618. Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-05 12:33:13 UTC
From: Richard Pettit WA2ROC
Topic: 604 Message: 618

I just ordered all 3 power supply caps from DigiKey using my corporate discount.

Somewhere in the neighborhood of $6.00 plus shipping.

and, "NO" I cannot order stuff for the rest of you folks!

619. Re: [atlas_radio] Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-05 13:04:57 UTC
From: W5HW - Harry
Topic: 604 Message: 619

Richard,

What are the DigiKey part numbers for the caps you got?

Harry - W5HW
San Antonio, Texas
In respectful memory of Ed Fauss (SK),

the previous W5HW, of Eufala, Oklahoma

--- On Fri, 11/5/10, Richard Pettit WA2ROC <pettit@...> wrote:

From: Richard Pettit WA2ROC <pettit@...>
Subject: [atlas_radio] Re: My 210X
To: atlas_radio@yahoogroups.com
Date: Friday, November 5, 2010, 12:33 PM

I just ordered all 3 power supply caps from DigiKey using my corporate discount.

Somewhere in the neighborhood of $6.00 plus shipping.

and, "NO" I cannot order stuff for the rest of you folks!

[Non-text portions of this message have been removed]

620. Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-05 13:15:53 UTC
From: Richard Pettit WA2ROC
Topic: 604 Message: 620

From DigiKey:

22000 uf 50 volt 338-1599-ND

1000 uf 50 volt P7467-ND

8200 uf 25 volt P6571-ND

WA2ROC

621. Re: [atlas_radio] Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-05 20:43:11 UTC
From: dennis hatch
Topic: 604 Message: 621

The diode bridge in the Atlas 220 CS is made of two high current diodes "press fitted" into a heatsink assembly made of aluminum. After about 30 years, and due to disimilar metals, the aluminum can corrode and cause a voltage drop between the heatsink and the diode case. I would replace the original diode bridge with a full wave rectifier rated at 25 Amps.... Mouser Electronics sells them. OR measure the voltage drop across the diode bridge while your transmitting. They still can be good, the drop may be somewhere else in the power supply.

--- On Fri, 11/5/10, Jim <n6otq@yahoo.com> wrote:

From: Jim <n6otq@...>
Subject: Re: [atlas_radio] Re: My 210X
To: atlas_radio@yahoogroups.com
Date: Friday, November 5, 2010, 6:58 AM

Hi Richard

A simple diode test will show whether the diodes are good (test each leg of the bridge separately). The diode bridge in the 220 CS is adequate, and should last forever. The filter caps should be replaced as a matter of course with the highest-capacitance 105C-rated, lowest ESR capacitors that will fit in there. I wouldn't consider anything lower than 35V (100% above input voltage), and 50V would provide a better margin. I wouldn't go higher than that, unless you happened to find something good in new surplus.

Also, watch the date codes on the capacitors -- they do age just from sitting around. There's no point in replacing the 35-year-old capacitors in the 220 CS with "new" 25-year-old caps (1985 date code). And always look at the vent on the cap. Regardless of how new a surplus cap appears to be, if there's white or brown "ca-ca" around the vent, discard it or sell it at the next swapfest. This is a sign that the cap has been overheated, and it will be neither as reliable nor as effective as a new cap.

Your power supply really needs to be a "set it and forget it" component that always works and only needs service once in a generation.

My $0.02

Jim N6OTQ

PS -- 4 pieces of #14 gives approx. the same total circular mils as 1 pc of #8, which is rated at about 24 A at 700 circular mils per amp. 700 CM/A is the rating for wire inside a transformer with no cooling, so this is a very reasonable figure for a short run from a power supply to a 100-watt-class rig.

----- Original Message ----
> From: Richard Pettit WA2ROC <pettit@...>

>   I used several pieces (4) of #14 wire in both the positive and ground lead
>running from the Pyramid power supply to the banana plugs and jack
> on the 210X. The total length of the harness is about 24".
>
> When I get a chance I may dig into the Atlas Dock and rewire the power supply
>but I think the filter cap and diodes will need replacing too
>

Yahoo! Groups Links

[Non-text portions of this message have been removed]

622. Re: [atlas_radio] Re: My 210X

Yahoo group: atlas_radio
Date: 2010-11-06 03:02:12 UTC
From: W5HW - Harry
Topic: 604 Message: 622

Many thanks.

Harry
In respectful memory of Ed Fauss (SK),

the previous W5HW, of Eufala, Oklahoma

--- On Fri, 11/5/10, Richard Pettit WA2ROC <pettit@...> wrote:

From: Richard Pettit WA2ROC <pettit@...>
Subject: [atlas_radio] Re: My 210X
To: atlas_radio@yahoogroups.com
Date: Friday, November 5, 2010, 1:15 PM

From DigiKey:

22000 uf 50 volt 338-1599-ND

1000 uf 50 volt P7467-ND

8200 uf 25 volt P6571-ND

WA2ROC

[Non-text portions of this message have been removed]

623. 210X dock supply question

Yahoo group: atlas_radio
Date: 2010-11-08 12:40:15 UTC
From: Richard Pettit WA2ROC
Topic: 623 Message: 623

While pulling out all the small diameter wiring and all the questionable other components, (plus a lot of other trash!)I noticed that the "mobile" supply only has one output, the high current one.

(see photos on "PHOTOS" page)

Why can't I just rebuild the dock supply the same way, with no regulator and associated resistors and capacitors?

I have ordered the caps and a new 25 amp bridge rectifier, and have rewired the supply with #14 wiring.

BTW, the original high current output measures about 16 volts on receive but less than 13 volts on transmit.

Thanks

Dick
WA2ROC

624. RE: [atlas_radio] 210X dock supply question

Yahoo group: atlas_radio
Date: 2010-11-08 13:51:53 UTC
From: MIKE DURKIN
Topic: 623 Message: 624

Im going by memory ... and i do believe its the same for the 350XL ... that the high curent supply goes only to the PA and is only has the rectifier diodes and large cap, the regulated or well filtered goes to the rest of the radio .... In the mobile its not needed because you have alot of Amps for the radio. ITs also why some radios dont work on other 2 wire power supply - the third wire is to power the Rx and modulator OR the radio powers on but no Tx ..... same issue.

It was a cheap and some what effective way to get abit more power out of the PA.

I do believe that there is a jumper at the plug for the radio from one banana plug to the other for power in the mobile supply.

Mike
KC7NOA

To: atlas_radio@yahoogroups.com
From: pettit@ti.com
Date: Mon, 8 Nov 2010 12:40:15 +0000
Subject: [atlas_radio] 210X dock supply question

While pulling out all the small diameter wiring and all the questionable other components, (plus a lot of other trash!)I noticed that the "mobile" supply only has one output, the high current one.

(see photos on "PHOTOS" page)

Why can't I just rebuild the dock supply the same way, with no regulator and associated resistors and capacitors?

I have ordered the caps and a new 25 amp bridge rectifier, and have rewired the supply with #14 wiring.

BTW, the original high current output measures about 16 volts on receive but less than 13 volts on transmit.

Thanks

Dick

WA2ROC

[Non-text portions of this message have been removed]

625. Re: 210X dock supply question

Yahoo group: atlas_radio
Date: 2010-11-08 13:56:50 UTC
From: toledohamradio
Topic: 623 Message: 625

Isn't the "high current +12" just jumpered to the "low current +12"?

--- In atlas_radio@yahoogroups.com, "Richard Pettit WA2ROC" <pettit@...> wrote:
>
> While pulling out all the small diameter wiring and all the questionable other components, (plus a lot of other trash!)I noticed that the "mobile" supply only has one output, the high current one.
>
> (see photos on "PHOTOS" page)
>
> Why can't I just rebuild the dock supply the same way, with no regulator and associated resistors and capacitors?
>
> I have ordered the caps and a new 25 amp bridge rectifier, and have rewired the supply with #14 wiring.
>
> BTW, the original high current output measures about 16 volts on receive but less than 13 volts on transmit.
>
> Thanks
>
> Dick
> WA2ROC
>

626. Re: 210X dock supply question

Yahoo group: atlas_radio
Date: 2010-11-08 13:57:12 UTC
From: Richard Pettit WA2ROC
Topic: 623 Message: 626

I do plan to jumper the output of the single supply to both the "high current" and "low current" banana plugs, and probably will wire in the 2 amp fuse between the high and low, just for a bit more safety.

The primary circuit has a 3 amp fuse already wired in.

Dick WA2ROC

627. Re: 210X dock supply question

Yahoo group: atlas_radio
Date: 2010-11-08 13:58:54 UTC
From: Richard Pettit WA2ROC
Topic: 623 Message: 627

--- In atlas_radio@yahoogroups.com, "toledohamradio" <toledohamradio@...> wrote:
>
> Isn't the "high current +12" just jumpered to the "low current +12"?
>
>

In the mobile supply it is. In the AC powered docking station, there is a 13 volt regulator circuit for the low current output.

628. RE: [atlas_radio] 210X dock supply question

Yahoo group: atlas_radio
Date: 2010-11-09 20:41:02 UTC
From: Ken Burchfield
Topic: 623 Message: 628

Hi, information on 210X docking station power supply can be found in the Manual for the 210 which is in the files section of this group, if you need the schematic it is also included.
 in the manual
I have located a homebrew PS, by KC8AON, which was in my archives, I will upload to the files section.
I have the 180 and also the 210x also.
73 Ken

 PacketRadio is Still Alive.......Mississippi.......145.010.......Simplex.......1200 Baud

--- On Mon, 11/8/10, MIKE DURKIN <Patriot121@...> wrote:

From: MIKE DURKIN <Patriot121@...>
Subject: RE: [atlas_radio] 210X dock supply question
To: atlas_radio@yahoogroups.com
Date: Monday, November 8, 2010, 7:51 AM

Im going by memory ... and i do believe its the same for the 350XL ... that the high curent supply goes only to the PA and is only has the rectifier diodes and large cap, the regulated or well filtered goes to the rest of the radio .... In the mobile its not needed because you have alot of Amps for the radio. ITs also why some radios dont work on other 2 wire power supply - the third wire is to power the Rx and modulator OR the radio powers on but no Tx ..... same issue.

It was a cheap and some what effective way to get abit more power out of the PA.

I do believe that there is a jumper at the plug for the radio from one banana plug to the other for power in the mobile supply.

Mike
KC7NOA

To: atlas_radio@yahoogroups.com
From: pettit@...m
Date: Mon, 8 Nov 2010 12:40:15 +0000
Subject: [atlas_radio] 210X dock supply question

      While pulling out all the small diameter wiring and all the questionable other components, (plus a lot of other trash!)I noticed that the "mobile" supply only has one output, the high current one.

(see photos on "PHOTOS" page)

Why can't I just rebuild the dock supply the same way, with no regulator and associated resistors and capacitors?

I have ordered the caps and a new 25 amp bridge rectifier, and have rewired the supply with #14 wiring.

BTW, the original high current output measures about 16 volts on receive but less than 13 volts on transmit.

Thanks

Dick

WA2ROC

[Non-text portions of this message have been removed]

Yahoo! Groups Links

[Non-text portions of this message have been removed]

629. Re: 210X dock supply question

Yahoo group: atlas_radio
Date: 2010-11-10 12:41:59 UTC
From: Richard Pettit WA2ROC
Topic: 623 Message: 629

I think I'll use a 3 amp LDO regulator connected to the "Hi-Amp" output to power the low current pin. I plan to use the chassis as the heatsink for the rectifiers (full wave, not a bridge) and the LDO with heatsink grease and insulator kit on the LDO.

That should work just fine.

630. ATLAS 210x LIMITED EDITION

Yahoo group: atlas_radio
Date: 2010-12-02 14:07:12 UTC
From: JB Kruk
Topic: 630 Message: 630

ATLAS 210x vs 210x LIMITED EDITION

As far as I have been able to determine the LIMITED EDITION has:

RECEIVER INCREMENTAL TUNING (RIT)
CW COVERAGE OF 10M (28.0 - 29.0)
POWER INCREASED TO 250 W
(MY PA USES 2 CTC CD3435 OUTPUT TRANSISTORS AND
AN MRF476 FOR THE DRIVER)
DE: K3KR

631. Atlas Model 350-XL Transmit Problem

Yahoo group: atlas_radio
Date: 2010-12-02 17:48:54 UTC
From: n5vab@yahoo.com
Topic: 631 Message: 631

I have not had a chance to check this radio out properly but wanted to see if I could get some input. I do not have a mike for it but did set it up with antenna and use the transmit switch just to see what happens and it is transmitting signal but has a buzzing sound coming from inside. Does need a good cleaning on all contacts I know. Receive works well and all lights are working. I recieved this radio in the box with matching speaker-power supply (350-PS) from a silent key friend of mine
but don't know much about it other than it is a beautiful radio and is one of the last American made. I will post a picture in the Photo Section. Thanks

632. RE: [atlas_radio] Atlas Model 350-XL Transmit Problem

Yahoo group: atlas_radio
Date: 2010-12-02 18:24:26 UTC
From: MIKE DURKIN
Topic: 631 Message: 632

Is it a 60Hz buzz ... or does it sound like its coming from the PA ??

To: atlas_radio@yahoogroups.com
From: n5vab@...
Date: Thu, 2 Dec 2010 17:48:54 +0000
Subject: [atlas_radio] Atlas Model 350-XL Transmit Problem

I have not had a chance to check this radio out properly but wanted to see if I could get some input. I do not have a mike for it but did set it up with antenna and use the transmit switch just to see what happens and it is transmitting signal but has a buzzing sound coming from inside. Does need a good cleaning on all contacts I know. Receive works well and all lights are working. I recieved this radio in the box with matching speaker-power supply (350-PS) from a silent key friend of mine

but don't know much about it other than it is a beautiful radio and is one of the last American made. I will post a picture in the Photo Section. Thanks

[Non-text portions of this message have been removed]

633. Re: [atlas_radio] Atlas Model 350-XL Transmit Problem

Yahoo group: atlas_radio
Date: 2010-12-02 20:49:59 UTC
From: Jerry Harley
Topic: 631 Message: 633

On 12/2/2010 12:48 PM, n5vab@... wrote:
>
> I have not had a chance to check this radio out properly but wanted to
> see if I could get some input. I do not have a mike for it but did set
> it up with antenna and use the transmit switch just to see what
> happens and it is transmitting signal but has a buzzing sound coming
> from inside. Does need a good cleaning on all contacts I know. Receive
> works well and all lights are working. I recieved this radio in the
> box with matching speaker-power supply (350-PS) from a silent key
> friend of mine
> but don't know much about it other than it is a beautiful radio and is
> one of the last American made. I will post a picture in the Photo
> Section. Thanks
>
>
> Reply to sender
> <mailto:n5vab@...?subject=Re%3A%20Atlas%20Model%20350-XL%20Transmit%20Problem>
> | Reply to group
> <mailto:atlas_radio@yahoogroups.com?subject=Re%3A%20Atlas%20Model%20350-XL%20Transmit%20
Problem>
> | Reply via web post
> <http://groups.yahoo.com/group/atlas_radio/post;_ylc=X3oDMTJvOGNpOHY2BF9TAzk3MzU5NzE0BGd
ycElkAzM5Mzg4MjYEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzYzMQRzZWMDZnRyBHNsawNycGx5BHN0aW1lAzEyO
TEzMTIxNDU-?act=reply&messageNum=631>
> | Start a New Topic
> <http://groups.yahoo.com/group/atlas_radio/post;_ylc=X3oDMTJlbGg1NW12BF9TAzk3MzU5NzE0BGd
ycElkAzM5Mzg4MjYEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA250cGMEc3RpbWUDMTI5MTMxMjE0NQ-->
>
> Messages in this topic
> <http://groups.yahoo.com/group/atlas_radio/message/631;_ylc=X3oDMTMydG01NHBlBF9TAzk3MzU5
NzE0BGdycElkAzM5Mzg4MjYEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzYzMQRzZWMDZnRyBHNsawN2dHBjBHN0aW
1lAzEyOTEzMTIxNDUEdHBjSWQDNjMx>
> (1)
> Recent Activity:
>
> Visit Your Group
> <http://groups.yahoo.com/group/atlas_radio;_ylc=X3oDMTJlOTRqc3JiBF9TAzk3MzU5NzE0BGdycElk
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>
> Yahoo! Groups
> <http://groups.yahoo.com/;_ylc=X3oDMTJkaHFvOG80BF9TAzk3MzU5NzE0BGdycElkAzM5Mzg4MjYEZ3Jwc
3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxMjkxMzEyMTQ1>
>
> Switch to: Text-Only
> <mailto:atlas_radio-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Tr

aditional>,
> Daily Digest
> <mailto:atlas_radio-digest@yahoogroups.com?subject=Email%20Delivery:%20Digest>
> . Unsubscribe
> <mailto:atlas_radio-unsubscribe@yahoogroups.com?subject=Unsubscribe> .
> Terms of Use <http://docs.yahoo.com/info/terms/>
> .
>
> __,_I

I have one that needs to be repaired, Does anyone one have a
recommendation? Jerry
> ._,___I

[Non-text portions of this message have been removed]

634. Re: Atlas Model 350-XL Transmit Problem

Yahoo group: atlas_radio
Date: 2010-12-02 22:19:03 UTC
From: bonapart2003
Topic: 631 Message: 634

My 350 made a noise that sounded like a relay when keyed, I found a broken toroid for the power l.ead in the PA box. Drove me crazy until that find...Jerry

635. Re: ATLAS 210x LIMITED EDITION

Yahoo group: atlas_radio
Date: 2010-12-03 17:45:55 UTC
From: EdwinB
Topic: 630 Message: 635

I have a 210X and when my rother got his ticket, I found him a 210X Limited Edition. If memory serves me, the Limited Edition also had a different color scheme. I think the front panel was blue & silver.

Regard,
Ed

--- In atlas_radio@yahoogroups.com, "JB Kruk" <jbkruk@...> wrote:
>
> ATLAS 210x vs 210x LIMITED EDITION
>
> As far as I have been able to determine the LIMITED EDITION has:
>
> RECEIVER INCREMENTAL TUNING (RIT)
> CW COVERAGE OF 10M (28.0 - 29.0)
> POWER INCREASED TO 250 W
> (MY PA USES 2 CTC CD3435 OUTPUT TRANSISTORS AND
> AN MRF476 FOR THE DRIVER)
> DE: K3KR
>

636. Re: ATLAS 210x LIMITED EDITION

Yahoo group: atlas_radio
Date: 2010-12-03 19:05:39 UTC
From: JOHN B. KRUK
Topic: 630 Message: 636

Yes Ed,

You are correct - The Limited Edition had a special front panel with commemorative gold name plate - I just listed the operational items.

John, K3KR

[Non-text portions of this message have been removed]

637. VFO Stabilizer

Yahoo group: atlas_radio
Date: 2010-12-04 04:21:10 UTC
From: Fernando
Topic: 637 Message: 637

Hello

I have a 210X and just ordered the Cumbria Design.

Was wondering if someone installed one and regretted it.

tnx Fernando N2FQ/6

638. Re: VFO Stabilizer

Yahoo group: atlas_radio
Date: 2010-12-04 06:50:14 UTC
From: Paul Mateer
Topic: 637 Message: 638

I haven't tried one yet, but it's an interesting concept. I'm thinking about building one for my Atlas 210 (no-X), and maybe try some digital modes with it.

I did find this: http://forums.qrz.com/showthread.php?t=215983

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

639. Re: [atlas_radio] VFO Stabilizer

Yahoo group: atlas_radio
Date: 2010-12-04 11:00:45 UTC
From: Kevin Luxford
Topic: 637 Message: 639

I installed one in a Heathkit IG-42 signal generator and it made quite an improvement, however, I have yet to get it to lock much above 7 MHz. I found the support from Cumbria Designs to be first class.

If you Google around, you will find where someone has installed on in a 210X - it may even be on the Cumbria Designs website.

73
Kevin
VK3DAP / ZL2DAP

On 4/12/2010 3:21 PM, Fernando wrote:
>
> Hello
>
> I have a 210X and just ordered the Cumbria Design.
>
> Was wondering if someone installed one and regretted it.
>
> tnx Fernando N2FQ/6
>
> __. <!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial;
> margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid
> #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%;
> font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads
> { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad
> p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration:
> none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor
> #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%;
> line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px;
> padding: 0 0; } a { color: #1e66ae; } #actions { font-family: Verdana;
> font-size: 11px; padding: 10px 0; } #activity { background-color:
> #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding:
> 10px; } #activity span { font-weight: 700; } #activity
> span:first-child { text-transform: uppercase; } #activity span a {
> color: #5085b6; text-decoration: none; } #activity span span { color:
> #ff7900; } #activity span .underline { text-decoration: underline; }
> .attach { clear: both; display: table; font-family: Arial; font-size:
> 12px; padding: 10px 0; width: 400px; } .attach div a {
> text-decoration: none; } .attach img { border: none; padding-right:
> 5px; } .attach label { display: block; margin-bottom: 5px; } .attach
> label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; }
> .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold
> a { text-decoration: none; } dd.last p a { font-family: Verdana;
> font-weight: 700; } dd.last p span { margin-right: 10px; font-family:
> Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right:

> 0; } div.attach-table div div a { text-decoration: none; }
> div.attach-table { width: 400px; } div.file-title a, div.file-title
> a:active, div.file-title a:hover, div.file-title a:visited {
> text-decoration: none; } div.photo-title a, div.photo-title a:active,
> div.photo-title a:hover, div.photo-title a:visited { text-decoration:
> none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family:
> Verdana; font-size: 10px; font-weight: normal; } .green { color:
> #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos
> div { float: left; width: 72px; } #photos div div { border: 1px solid
> #666666; height: 62px; overflow: hidden; width: 62px; } #photos div
> label { color: #666666; font-size: 10px; overflow: hidden; text-align:
> center; white-space: nowrap; width: 64px; } #reco-category {
> font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin:
> 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid
> #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg {
> font-size: 13px; font-family: Arial, helvetica,clean, sans-serif;
> *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size:
> inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99%
> Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code {
> font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height:
> 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-mlmsg a {
> color: #1E66AE; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg
> p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco
> #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco {
> margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a {
> font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li {
> font-size: 77%; list-style-type: square; padding: 6px 0; }
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> font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text
> tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right:
> none !important; } -->
>

[Non-text portions of this message have been removed]

640. Re: [atlas_radio] Re: VFO Stabilizer

Yahoo group: atlas_radio
Date: 2010-12-04 12:07:04 UTC
From: Jim
Topic: 637 Message: 640

The Huff-n-Puff stabilizer is a mature and robust design, and gives remarkable stability with 40-year-old technology.

I've heard of at least one Atlas 210 being fitted with one of these, with very good results.

Jim N6OTQ

----- Original Message ----
> From: Paul Mateer <paul.aa9gg@...>
> To: atlas_radio@yahoogroups.com
> Sent: Sat, December 4, 2010 12:50:14 AM
> Subject: [atlas_radio] Re: VFO Stabilizer
>
> I haven't tried one yet, but it's an interesting concept. I'm thinking
> about building one for my Atlas 210 (no-X), and maybe try some digital
> modes with it.
>
> I did find this: http://forums.qrz.com/showthread.php?t=215983
>
> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com
> NAQCC 3123, SKCC 4628, FPQRP 2003
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>

641. Re: [atlas_radio] Re: VFO Stabilizer

Yahoo group: atlas_radio
Date: 2010-12-04 15:46:33 UTC
From: N2FQ
Topic: 637 Message: 641

Jim, Paul
Great to hear abt the success.

I did Google 210x but didn't occur to.me in doing so for the Stabilzer.

In rereading the QRZ link, do understand the function of that LED.

Tnx agn Fernando N2FQ/6

On Dec 4, 2010, at 4:07, Jim <n6otq@...> wrote:

> The Huff-n-Puff stabilizer is a mature and robust design, and gives remarkable
> stability with 40-year-old technology.
>
> I've heard of at least one Atlas 210 being fitted with one of these, with very
> good results.
>
> Jim N6OTQ
>
>
>
>
> ----- Original Message ----
>> From: Paul Mateer <paul.aa9gg@...>
>> To: atlas_radio@yahoogroups.com
>> Sent: Sat, December 4, 2010 12:50:14 AM
>> Subject: [atlas_radio] Re: VFO Stabilizer
>>
>> I haven't tried one yet, but it's an interesting concept. I'm thinking
>> about building one for my Atlas 210 (no-X), and maybe try some digital
>> modes with it.
>>
>> I did find this: http://forums.qrz.com/showthread.php?t=215983
>>
>> --
>> Paul Mateer, AA9GG
>> Elan Engineering Corp.
>> www.elanengr.com
>> NAQCC 3123, SKCC 4628, FPQRP 2003
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642. Re: [atlas_radio] Re: Atlas Model 350-XL Transmit Problem

Yahoo group: atlas_radio
Date: 2010-12-07 02:27:41 UTC
From: Alan Jackson
Topic: 631 Message: 642

Thank you Jerry. I will look there first and let you know what I find. That could very well be the culprit. 73s

Alan....N5VAB

--- On Thu, 12/2/10, bonapart2003 <jerryind@...> wrote:

From: bonapart2003 <jerryind@sbcglobal.net>
Subject: [atlas_radio] Re: Atlas Model 350-XL Transmit Problem
To: atlas_radio@yahoogroups.com
Date: Thursday, December 2, 2010, 4:19 PM

My 350 made a noise that sounded like a relay when keyed, I found a broken toroid for the power l.ead in the PA box. Drove me crazy until that find...Jerry

[Non-text portions of this message have been removed]

643. ATLAS 210X MOBILE BRACKET

Yahoo group: atlas_radio
Date: 2010-12-31 20:24:14 UTC
From: bestr82
Topic: 643 Message: 643

I have a Atlas 210x and in need of a mobile bracket if someone would have one for sale, I got this radio off e-bay but the finals were out put new finals in and were up and running like a new radio and I just love it so I am also going to try and get all of the exta`s that were out there for the radio so let me know if anyone can help, thanks

644. Re: [atlas_radio] ATLAS 210X MOBILE BRACKET

Yahoo group: atlas_radio
Date: 2010-12-31 22:17:40 UTC
From: Jim
Topic: 643 Message: 644

I have one or two of these brackets that may be extra to my needs. I think one will fit in a USPS large Flat Rate box, which is $15 in the United States. This might ship parcel post for less. Besides "free" -- how much were you thinking to pay for the mount, and where would I ship to? I am in Austin TX.

We should probably take further discussion off-list, but since I own this group, I won't get in trouble with the moderators :)

73 and Happy New Year
Jim N6OTQ

----- Original Message ----
> From: bestr82 <bestr82@...>
>
> I have a Atlas 210x and in need of a mobile bracket if someone would have one
>for sale, I got this radio off e-bay but the finals were out put new finals in
>and were up and running like a new radio and I just love it so I am also going
>to try and get all of the exta`s that were out there for the radio so let me
>know if anyone can help, thanks
>

645. Re: [atlas_radio] ATLAS 210X MOBILE BRACKET

Yahoo group: atlas_radio
Date: 2010-12-31 23:36:20 UTC
From: Jim
Topic: 643 Message: 645

I just put two of my three mobile brackets in the dishwasher, after stripping any perishable parts.

One of these is a "naked" bracket, without any of the slide-mount parts. The other two are basically complete brackets, but without all the other mount pieces like the perforated straps shown in the installation kit, and will naturally need new power/ground cables.

If you plan on a permanent mount in your mobile, I'd recommend using a "naked" bracket, as the slide-mount components are imperfect as designed. Good enough for a CB, not so much for a 100-watt mobile.

The last time I ran an Atlas mobile, I put it on a "naked" bracket mounted to a slide mount, and made my connections directly to the radio. I also added an antenna tuner on the bracket with an antenna switch, and a carry handle -- so I could pull the whole mess out with relative ease, and use it portable as well.

At least one bracket is available. I have two pickup trucks I can put a mobile rig into (and more Atlas 210s than that) but only one really has the space for an Atlas. I also have some other mobile mounts that are large enough for an Atlas, but not purpose-built like the Atlas mount.

Sometime tomorrow I will have all three mounts cleaned up.

Jim N6OTQ

----- Original Message ----
> From: bestr82 <bestr82@...>
>
> I have a Atlas 210x and in need of a mobile bracket if someone would have one
>for sale, I got this radio off e-bay but the finals were out put new finals in
>and were up and running like a new radio and I just love it so I am also going
>to try and get all of the exta`s that were out there for the radio so let me
>know if anyone can help, thanks

646. LOOKING FOR A 350XL

Yahoo group: atlas_radio
Date: 2011-01-03 14:16:51 UTC
From: Jerry Harley
Topic: 646 Message: 646

I would like to have another 350XL. I have one that is ill and could use help getting it repaired. It has a little rx and a little tx, not sure if all oscillators are running. Jerry

647. RE: [atlas_radio] LOOKING FOR A 350XL

Yahoo group: atlas_radio
Date: 2011-01-03 16:08:24 UTC
From: MIKE DURKIN
Topic: 646 Message: 647

Check it on all bands .. or least a few others .... I have a few week rocks and the output is low on those .... I'm planning on replacing the whole crystal bank with a softrock.(pickup 30m/12m etc.)

Mike
KC7NOA

To: atlas_radio@yahoogroups.com
From: wa2tti@...
Date: Mon, 3 Jan 2011 09:16:51 -0500
Subject: [atlas_radio] LOOKING FOR A 350XL

I would like to have another 350XL. I have one that is ill and could use help getting it repaired. It has a little rx and a little tx, not sure if all oscillators are running. Jerry

[Non-text portions of this message have been removed]

648. Looking for a 350

Yahoo group: atlas_radio
Date: 2011-01-09 01:37:17 UTC
From: Jerry Harley
Topic: 648 Message: 648

I'm looking for a working 350. I have one that needs repair. does anyone work on them? Jerry

649. Re: [atlas_radio] Looking for a 350

Yahoo group: atlas_radio
Date: 2011-01-09 15:38:27 UTC
From: Jerry Spears
Topic: 648 Message: 649

Hi Jerry, what seems to be the issue with your 350? I

have done some work on them. Also own a 210. Jerry

From: Jerry Harley <wa2tti@...>
To: atlas_radio@yahoogroups.com
Sent: Sat, January 8, 2011 8:37:17 PM
Subject: [atlas_radio] Looking for a 350

I'm looking for a working 350. I have one that needs repair. does
anyone work on them? Jerry

[Non-text portions of this message have been removed]

650. Re: [atlas_radio] Looking for a 350

Yahoo group: atlas_radio
Date: 2011-01-09 16:10:01 UTC
From: Jerry Harley
Topic: 648 Message: 650

On 1/9/2011 10:38 AM, Jerry Spears wrote:
>
> Hi Jerry, what seems to be the issue with your 350? I
>
> have done some work on them. Also own a 210. Jerry
>
> _____
> From: Jerry Harley <wa2tti@... <mailto:wa2tti%40verizon.net>>
> To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
> Sent: Sat, January 8, 2011 8:37:17 PM
> Subject: [atlas_radio] Looking for a 350
>
> I'm looking for a working 350. I have one that needs repair. does
> anyone work on them? Jerry
>
> [Non-text portions of this message have been removed]
>
>
It does hear very well if at all. I have to revist it. A little power
out, like maybe the drivers only.

[Non-text portions of this message have been removed]

651. 210X available???

Yahoo group: atlas_radio
Date: 2011-01-17 16:14:53 UTC
From: Richard Pettit WA2ROC
Topic: 651 Message: 651

I have one that works pretty good. Maybe 80 watts out on some bands, some a little more, some a little less. Voice peaks register 16 to 18 amps on the meter. The plastic dial drum is slightly cracked but has a hose clamp keeping everything in place. Some strategically applied epoxy will do a better job.

The meter sticks at about S-7 at times but that is a mechanical problem, not an electrical one. A slight tap over the meter and it settles back to the right place.

I also have the "docking station" that has had new filter caps installed and 12 volt wiring replaced with several parallel #14 wires. I still like to use a 35 amp linear regulated supply for more RF out. The speaker is functional, and sounds better than the tiny one in the 210X.

It uses a D104 mike and I have had complementary reports on the audio and signal strength all over East of the Mississippi.

I need to make room in the shack and I'm soliciting reasonable offers for the radio, dock, HD power leads to YOUR power supply and the mike. I'd prefer pick-up in Durham NC, but shipping is possible in the lower 48.

I'm thinking in the $250.00 range, plus shipping, but I could be thinking a little high.

Offers will be taken. Reasonable offers will be considered.

TNX!

652. Atlas 215X for sale

Yahoo group: atlas_radio
Date: 2011-01-17 20:08:55 UTC
From: eldon
Topic: 652 Message: 652

I have a Atlas 215X for sale receive works great
The Transmitter show output about 25 watts
I don't have a mike for it.
I have a docking station also a mobile mount plus a
Original manual for this asking $150.00 plus shipping
Have pictures if serious about Transceiver
contact..... k5ebi@...

653. Re: [atlas_radio] Atlas 215X for sale

Yahoo group: atlas_radio
Date: 2011-01-17 22:20:19 UTC
From: Jerry Harley
Topic: 652 Message: 653

On 1/17/2011 3:08 PM, eldon wrote:
>
> I have a Atlas 215X for sale receive works great
> The Transmitter show output about 25 watts
> I don't have a mike for it.
> I have a docking station also a mobile mount plus a
> Original manual for this asking $150.00 plus shipping
> Have pictures if serious about Transceiver
> contact..... k5ebi@... <mailto:k5ebi%40sbcglobal.net>
>
>
how much to ship to 19468? fedex would be the cheapest

[Non-text portions of this message have been removed]

654. Re: [atlas_radio] Atlas 215X for sale

Yahoo group: atlas_radio
Date: 2011-01-18 12:33:10 UTC
From: Jerry Harley
Topic: 652 Message: 654

On 1/17/2011 3:08 PM, eldon wrote:
>
> I have a Atlas 215X for sale receive works great
> The Transmitter show output about 25 watts
> I don't have a mike for it.
> I have a docking station also a mobile mount plus a
> Original manual for this asking $150.00 plus shipping
> Have pictures if serious about Transceiver
> contact..... k5ebi@... <mailto:k5ebi%40sbcglobal.net>
>
>
Would a bank check be ok from TD Bank. The USPS is a pain to go to and
there is always a 30 minute wait.
Jerry Ice strom here on the East coast so it might not get out today

[Non-text portions of this message have been removed]

655. Re: 210X For sale

Yahoo group: atlas_radio
Date: 2011-01-18 13:43:19 UTC
From: Richard Pettit WA2ROC
Topic: 651 Message: 655

OK, It's for sale. Photos will be posted later this AM

WA2ROC

656. Re: [atlas_radio] Atlas 215X for sale

Yahoo group: atlas_radio
Date: 2011-01-18 16:33:53 UTC
From: N2FQ
Topic: 652 Message: 656

Jerry I think you send this to me in error.

Check the email address again.

Fernando N2FQ/6

On Jan 18, 2011, at 4:33, Jerry Harley <wa2tti@...> wrote:

> On 1/17/2011 3:08 PM, eldon wrote:
>>
>> I have a Atlas 215X for sale receive works great
>> The Transmitter show output about 25 watts
>> I don't have a mike for it.
>> I have a docking station also a mobile mount plus a
>> Original manual for this asking $150.00 plus shipping
>> Have pictures if serious about Transceiver
>> contact..... k5ebi@... <mailto:k5ebi%40sbcglobal.net>
>>
>>
> Would a bank check be ok from TD Bank. The USPS is a pain to go to and
> there is always a 30 minute wait.
> Jerry Ice strom here on the East coast so it might not get out today
>
>
> [Non-text portions of this message have been removed]
>
>
>
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>
> Yahoo! Groups Links
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657. Re: [atlas_radio] Atlas 215X for sale

Yahoo group: atlas_radio
Date: 2011-01-18 16:48:45 UTC
From: N2FQ
Topic: 652 Message: 657

oops my bad please disregard.

Fernando N2FQ/6

On Jan 18, 2011, at 8:33, N2FQ <n2fq@...> wrote:

> Jerry I think you send this to me in error.
>
> Check the email address again.
>
> Fernando N2FQ/6
>
> On Jan 18, 2011, at 4:33, Jerry Harley <wa2tti@...> wrote:
>
>> On 1/17/2011 3:08 PM, eldon wrote:
>>>
>>> I have a Atlas 215X for sale receive works great
>>> The Transmitter show output about 25 watts
>>> I don't have a mike for it.
>>> I have a docking station also a mobile mount plus a
>>> Original manual for this asking $150.00 plus shipping
>>> Have pictures if serious about Transceiver
>>> contact..... k5ebi@... <mailto:k5ebi%40sbcglobal.net>
>>>
>>>
>> Would a bank check be ok from TD Bank. The USPS is a pain to go to and
>> there is always a 30 minute wait.
>> Jerry Ice strom here on the East coast so it might not get out today
>>
>>
>> [Non-text portions of this message have been removed]
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>> Yahoo! Groups Links
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> Yahoo! Groups Links
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658. Atlas 180 TX does not track with RX.

Yahoo group: atlas_radio
Date: 2011-01-21 18:14:03 UTC
From: danny
Topic: 658 Message: 658

I got new PA transistors installed. But now tx and rx does not track. Does any body have a fix for this ?

660. Re: [atlas_radio] Atlas 210 For Sale

Yahoo group: atlas_radio
Date: 2011-01-24 13:47:17 UTC
From: Jerry Harley
Topic: 660 Message: 660

On 1/24/2011 7:28 AM, Richard Pettit WA2ROC wrote:
>
> I have an Atlas 210X that works pretty good. Maybe 80 watts out on
> some bands, some a
> little more, some a little less. Voice peaks register 16 to 18 amps on the
> meter. The plastic dial drum is slightly cracked but has a hose clamp
> keeping
> everything in place. Some strategically applied epoxy will do a better
> job.
>
> The meter sticks at about S-7 at times but that is a mechanical
> problem, not an
> electrical one. A slight tap over the meter and it settles back to the
> right
> place.
>
> I also have the "docking station" that has had new filter caps
> installed and 12
> volt wiring replaced with several parallel #14 wires. I still like to
> use a 35
> amp linear regulated supply for more RF out. The speaker is
> functional, and
> sounds better than the tiny one in the 210X.
>
> It uses a D104 mike and I have had complementary reports on the audio
> and signal
> strength all over East of the Mississippi.
>
> I need to make room in the shack and I'm soliciting reasonable offers
> for the
> radio, dock, HD power leads to YOUR power supply and the mike. I'd prefer
> pick-up in Durham NC, but shipping is possible in the lower 48.
>
> I'm thinking in the $250.00 range, plus shipping, but I could be
> thinking a
> little high.
>
> Offers will be taken. Reasonable offers will be considered.
>
> Contact me at 919-801-1415 or pettit@... <mailto:pettit%40ti.com>
>
>
I just bought a 215 with console and the mobile mount, right here, you
saw the email for $150. I know thats not what you want to here but it
is the going price. Jerry yes that is my bid

[Non-text portions of this message have been removed]

661. RE: [atlas_radio] Atlas 210 For Sale

Yahoo group: atlas_radio
Date: 2011-01-24 15:09:52 UTC
From: Steve Miller
Topic: 660 Message: 661

Richard,
The meter on my 180 was sticking in the same way.....took the meter out and loosened the hardware a little, and it fixed the problem.

Steve WA3JJT

To: atlas_radio@yahoogroups.com
From: pettit@...
Date: Mon, 24 Jan 2011 12:28:38 +0000
Subject: [atlas_radio] Atlas 210 For Sale

I have an Atlas 210X that works pretty good. Maybe 80 watts out on some bands, some a little more, some a little less. Voice peaks register 16 to 18 amps on the meter. The plastic dial drum is slightly cracked but has a hose clamp keeping everything in place. Some strategically applied epoxy will do a better job.

The meter sticks at about S-7 at times but that is a mechanical problem, not an electrical one. A slight tap over the meter and it settles back to the right place.

I also have the "docking station" that has had new filter caps installed and 12 volt wiring replaced with several parallel #14 wires. I still like to use a 35 amp linear regulated supply for more RF out. The speaker is functional, and sounds better than the tiny one in the 210X.

It uses a D104 mike and I have had complementary reports on the audio and signal strength all over East of the Mississippi.

I need to make room in the shack and I'm soliciting reasonable offers for the radio, dock, HD power leads to YOUR power supply and the mike. I'd prefer pick-up in Durham NC, but shipping is possible in the lower 48.

I'm thinking in the $250.00 range, plus shipping, but I could be thinking a little high.

Offers will be taken. Reasonable offers will be considered.

Contact me at 919-801-1415 or pettit@...

[Non-text portions of this message have been removed]

662. Re: Atlas 210 For Sale

Yahoo group: atlas_radio
Date: 2011-01-24 15:17:48 UTC
From: Richard Pettit WA2ROC
Topic: 660 Message: 662

I did that one time and it worked for a month or 2. Guess I'll have to do it again.

663. Re: Atlas 210 For Sale

Yahoo group: atlas_radio
Date: 2011-01-28 12:44:07 UTC
From: Richard Pettit WA2ROC
Topic: 660 Message: 663

Price dropped to $225.00 for 210X, console and D-104

664. I need to change to the Atlas 180 group

Yahoo group: atlas_radio
Date: 2011-01-31 04:26:10 UTC
From: Gary
Topic: 664 Message: 664

I need to change to the Atlas 180 group
Gary <garymulford@...>

665. Re: Atlas 210 For Sale

Yahoo group: atlas_radio
Date: 2011-01-31 04:34:10 UTC
From: Gary
Topic: 660 Message: 665

Hello:
What condition is it in, can you send pics?
gary
w7jhp

--- In atlas_radio@yahoogroups.com, "Richard Pettit WA2ROC" <pettit@...> wrote:
>
> Price dropped to $225.00 for 210X, console and D-104
>

666. RE: [atlas_radio] Re: Atlas 210 For Sale

Yahoo group: atlas_radio
Date: 2011-01-31 04:35:55 UTC
From: Gary Mulford
Topic: 660 Message: 666

Hello:
What is the conditon of the rig, can you send me any pics?

Gary
W7JHP

To: atlas_radio@yahoogroups.com
From: pettit@...
Date: Fri, 28 Jan 2011 12:44:07 +0000
Subject: [atlas_radio] Re: Atlas 210 For Sale

Price dropped to $225.00 for 210X, console and D-104

[Non-text portions of this message have been removed]

667. Re: [atlas_radio] I need to change to the Atlas 180 group

Yahoo group: atlas_radio
Date: 2011-01-31 13:16:43 UTC
From: Jim
Topic: 664 Message: 667

There is no Atlas 180 group.

-- Jim the group owner

----- Original Message ----
> From: Gary <garymulford@...>
> To: atlas_radio@yahoogroups.com
> Sent: Sun, January 30, 2011 10:26:10 PM
> Subject: [atlas_radio] I need to change to the Atlas 180 group
>
> I need to change to the Atlas 180 group
> Gary <garymulford@...>
>

668. Re: Atlas 210 For Sale

Yahoo group: atlas_radio
Date: 2011-02-10 12:58:08 UTC
From: Richard Pettit WA2ROC
Topic: 660 Message: 668

SOLD pending receipt of funds

669. Wanted: Model 10XB Crystal Oscillator Assembly

Yahoo group: atlas_radio
Date: 2011-02-13 18:22:19 UTC
From: atlasstuff
Topic: 669 Message: 669

Anyone out there with a 10XB crystal oscillator accessory unit surplus to requirements?

I'm looking for a nice, clean example, with no mecahanical faults, to allow me to try out some crystals with my Atlas 215x.

Regards,

Mark.

670. Re: Wanted: Model 10XB Crystal Oscillator Assembly

Yahoo group: atlas_radio
Date: 2011-02-14 17:00:18 UTC
From: EdwinB
Topic: 669 Message: 670

According to this link, the 10XB has a switch on the side for selecting 10-meter operation.

http://wireless.org.uk/atlas/ATLS10XB.pdf

I have a a 10X that does not have the switch on the side. I bought it used and never used it myself. If you are interested, contact me through arrl.net and I can send photos.

Regards,
Ed - n5kzw

--- In atlas_radio@yahoogroups.com, "atlasstuff" <g4fph@...> wrote:
>
> Anyone out there with a 10XB crystal oscillator accessory unit surplus to requirements?
>
> I'm looking for a nice, clean example, with no mecahanical faults, to allow me to try out some crystals with my Atlas 215x.
>
> Regards,
>
> Mark.
>

671. Atlas 10XB

Yahoo group: atlas_radio
Date: 2011-02-23 20:44:40 UTC
From: Mike
Topic: 671 Message: 671

Hi all,

I have a friend looking for an Atlas 10XB crystal oscillator accessory. Must be in good condition and functional. Does anybody have one for sale? Thanks.

73
Mike
KA5DVR

672. FS: 210X

Yahoo group: atlas_radio
Date: 2011-03-13 03:27:22 UTC
From: Fernando
Topic: 672 Message: 672

Hello All.

I'm totally on cw and have found, as has been stated

elsewhere, that the 210X is lacking in that respect.

So not to have it sitting on the shelf, I've decided

to sell it.

Check out this 210X demo on YouTube:

<http://www.youtube.com/watch?
v=dh4IjJZTuVA&feature=youtube_gdata_player>

210X
220CS
VX-5
MT-1
10X OSC
DD-6B
Original Manual.

$325 + shipping. Prefer Postal Money Order.

tnx Fernando N2FQ/6.

673. Re: [atlas_radio] FS: 210X

Yahoo group: atlas_radio
Date: 2011-03-13 03:34:06 UTC
From: Fernando
Topic: 672 Message: 673

Link

<http://www.youtube.com/watch?
v=dh4IjJZTuVA&feature=youtube_gdata_player>

On Mar 12, 2011, at 7:27 PM, Fernando wrote:

> Hello All.
>
> I'm totally on cw and have found, as has been stated
>
> elsewhere, that the 210X is lacking in that respect.
>
> So not to have it sitting on the shelf, I've decided
>
> to sell it.
>
> Check out this 210X demo on YouTube:
>
> <http://www.youtube.com/watch?
> v=dh4IjJZTuVA&feature=youtube_gdata_player>
>
> 210X
> 220CS
> VX-5
> MT-1
> 10X OSC
> DD-6B
> Original Manual.
>
> $325 + shipping. Prefer Postal Money Order.
>
> tnx Fernando N2FQ/6.
>
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>
> Yahoo! Groups Links
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674. Re: [atlas_radio] FS: 210X

Yahoo group: atlas_radio
Date: 2011-03-13 03:39:52 UTC
From: Fernando
Topic: 672 Message: 674

Last attempt:

<http://tinyurl.com/4dpn3nh>

sorry for the bandwith.

73 Fernando N2FQ
On Mar 12, 2011, at 7:34 PM, Fernando wrote:

> Link
>
> <http://www.youtube.com/watch?
> v=dh4IjJZTuVA&feature=youtube_gdata_player>
>
> On Mar 12, 2011, at 7:27 PM, Fernando wrote:
>
>> Hello All.
>>
>> I'm totally on cw and have found, as has been stated
>>
>> elsewhere, that the 210X is lacking in that respect.
>>
>> So not to have it sitting on the shelf, I've decided
>>
>> to sell it.
>>
>> Check out this 210X demo on YouTube:
>>
>> <http://www.youtube.com/watch?
>> v=dh4IjJZTuVA&feature=youtube_gdata_player>
>>
>> 210X
>> 220CS
>> VX-5
>> MT-1
>> 10X OSC
>> DD-6B
>> Original Manual.
>>
>> $325 + shipping. Prefer Postal Money Order.
>>
>> tnx Fernando N2FQ/6.
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>> Yahoo! Groups Links
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675. Re: Looking for a 350

Yahoo group: atlas_radio
Date: 2011-03-30 04:39:46 UTC
From: seth_otherpower
Topic: 648 Message: 675

Cant rememebr if it had an AUX crystal or VFO .. im looking for a blank for the card insert.

Mike KC7NOA

--- In atlas_radio@yahoogroups.com, Jerry Harley <wa2tti@...> wrote:
>
> On 1/9/2011 10:38 AM, Jerry Spears wrote:
> >
> > Hi Jerry, what seems to be the issue with your 350? I
> >
> > have done some work on them. Also own a 210. Jerry
> >
> > _____
> > From: Jerry Harley <wa2tti@... <mailto:wa2tti%40verizon.net>>
> > To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
> > Sent: Sat, January 8, 2011 8:37:17 PM
> > Subject: [atlas_radio] Looking for a 350
> >
> > I'm looking for a working 350. I have one that needs repair. does
> > anyone work on them? Jerry
> >
> > [Non-text portions of this message have been removed]
> >
> >
> It does hear very well if at all. I have to revist it. A little power
> out, like maybe the drivers only.
>
>
> [Non-text portions of this message have been removed]
>

676. Re: [atlas_radio] Re: Looking for a 350

Yahoo group: atlas_radio
Date: 2011-03-30 08:19:37 UTC
From: Alan Jackson
Topic: 648 Message: 676

That would be VFO. I have attached a photo of mine showing the spot it where it goes.

Alan....N5VAB

--- On Tue, 3/29/11, seth_otherpower <Patriot121@...> wrote:

From: seth_otherpower <Patriot121@...>
Subject: [atlas_radio] Re: Looking for a 350
To: atlas_radio@yahoogroups.com
Date: Tuesday, March 29, 2011, 11:39 PM

Cant rememebr if it had an AUX crystal or VFO .. im looking for a blank for the card insert.

Mike KC7NOA

--- In atlas_radio@yahoogroups.com, Jerry Harley <wa2tti@...> wrote:
>
> On 1/9/2011 10:38 AM, Jerry Spears wrote:
> >
> > Hi Jerry, what seems to be the issue with your 350? I
> >
> > have done some work on them. Also own a 210. Jerry
> >
> > _____
> > From: Jerry Harley <wa2tti@... <mailto:wa2tti%40verizon.net>>
> > To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
> > Sent: Sat, January 8, 2011 8:37:17 PM
> > Subject: [atlas_radio] Looking for a 350
> >
> > I'm looking for a working 350. I have one that needs repair. does
> > anyone work on them? Jerry
> >
> > [Non-text portions of this message have been removed]
> >
> >
> It does hear very well if at all. I have to revist it. A little power
> out, like maybe the drivers only.
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

677. RE: [atlas_radio] Re: Looking for a 350

Yahoo group: atlas_radio
Date: 2011-03-30 14:05:35 UTC
From: MIKE DURKIN
Topic: 648 Message: 677

I think yahoo stripped the attachment ... I don't see it.

To: atlas_radio@yahoogroups.com
From: n5vab@...
Date: Wed, 30 Mar 2011 01:19:37 -0700
Subject: Re: [atlas_radio] Re: Looking for a 350

That would be VFO. I have attached a photo of mine showing the spot it where it goes.

Alan....N5VAB

--- On Tue, 3/29/11, seth_otherpower <Patriot121@...> wrote:

From: seth_otherpower <Patriot121@...>

Subject: [atlas_radio] Re: Looking for a 350

To: atlas_radio@yahoogroups.com

Date: Tuesday, March 29, 2011, 11:39 PM

Cant rememebr if it had an AUX crystal or VFO .. im looking for a blank for the card insert.

Mike KC7NOA

--- In atlas_radio@yahoogroups.com, Jerry Harley <wa2tti@...> wrote:

>

> On 1/9/2011 10:38 AM, Jerry Spears wrote:

> >

> > Hi Jerry, what seems to be the issue with your 350? I

> >

> > have done some work on them. Also own a 210. Jerry

> >

> > _____

> > From: Jerry Harley <wa2tti@... <mailto:wa2tti%40verizon.net>>

> > To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>

> > Sent: Sat, January 8, 2011 8:37:17 PM

> > Subject: [atlas_radio] Looking for a 350

> >

> > I'm looking for a working 350. I have one that needs repair. does

> > anyone work on them? Jerry

> >

> > [Non-text portions of this message have been removed]

> >

> >

> It does hear very well if at all. I have to revist it. A little power

> out, like maybe the drivers only.

>

>

> [Non-text portions of this message have been removed]

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

678. RE: [atlas_radio] Re: Looking for a 350

Yahoo group: atlas_radio
Date: 2011-03-30 14:45:01 UTC
From: MIKE DURKIN
Topic: 648   Message: 678

Could you post it to the 350XL group?

> To: atlas_radio@yahoogroups.com
> From: Patriot121@...
> Date: Wed, 30 Mar 2011 07:05:35 -0700
> Subject: RE: [atlas_radio] Re: Looking for a 350
>
> I think yahoo stripped the attachment ... I don't see it.
>
> To: atlas_radio@yahoogroups.com
> From: n5vab@...
> Date: Wed, 30 Mar 2011 01:19:37 -0700
> Subject: Re: [atlas_radio] Re: Looking for a 350
>
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>
> That would be VFO. I have attached a photo of mine showing the spot it where it goes.
>
>
>
> Alan....N5VAB
>
>
>

> --- On Tue, 3/29/11, seth_otherpower <Patriot121@...> wrote:
>
>
>
> From: seth_otherpower <Patriot121@...>
>
> Subject: [atlas_radio] Re: Looking for a 350
>
> To: atlas_radio@yahoogroups.com
>
> Date: Tuesday, March 29, 2011, 11:39 PM
>
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>
> Cant rememebr if it had an AUX crystal or VFO .. im looking for a blank for the card insert.
>
>
>
> Mike KC7NOA
>
>
>
> --- In atlas_radio@yahoogroups.com, Jerry Harley <wa2tti@...> wrote:
>
> >
>
> > On 1/9/2011 10:38 AM, Jerry Spears wrote:
>
> > >
>
> > > Hi Jerry, what seems to be the issue with your 350? I
>
> > >
>
> > > have done some work on them. Also own a 210. Jerry
>
> > >
>
> > > _____
>
> > > From: Jerry Harley <wa2tti@... <mailto:wa2tti%40verizon.net>>
>
> > > To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
>
> > > Sent: Sat, January 8, 2011 8:37:17 PM

> > > Subject: [atlas_radio] Looking for a 350
> > >
> > > I'm looking for a working 350. I have one that needs repair. does
> > > anyone work on them? Jerry
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > It does hear very well if at all. I have to revist it. A little power
> > out, like maybe the drivers only.
> >
> >
> > [Non-text portions of this message have been removed]
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> >
> [Non-text portions of this message have been removed]

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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

679. Atlas 350xl Scale problem

Yahoo group: atlas_radio
Date: 2011-03-30 15:22:14 UTC
From: Branko
Topic: 679 Message: 679

Hi all, have an Atlas 350xl fore two year now and the scale start to go crazy when i pres PTT it drive it shelf in the corner when on AMPS all way to the rite and when on REF all way left. Any idea???

680. Re: [atlas_radio] Re: Looking for a 350

Yahoo group: atlas_radio
Date: 2011-03-30 19:33:27 UTC
From: Alan Jackson
Topic: 648 Message: 680

Seth look at my photo's in the photo section under "Atlas 350XL with Matching 350PS" with my call. The last photo shows the spot. Hope this helps.

Alan....N5VAB

--- On Wed, 3/30/11, Alan Jackson <n5vab@...> wrote:

From: Alan Jackson <n5vab@...>
Subject: Re: [atlas_radio] Re: Looking for a 350
To: atlas_radio@yahoogroups.com
Date: Wednesday, March 30, 2011, 3:19 AM

That would be VFO. I have attached a photo of mine showing the spot it where it goes.

Alan....N5VAB

--- On Tue, 3/29/11, seth_otherpower <Patriot121@...> wrote:

From: seth_otherpower <Patriot121@msn.com>
Subject: [atlas_radio] Re: Looking for a 350
To: atlas_radio@yahoogroups.com
Date: Tuesday, March 29, 2011, 11:39 PM

Cant rememebr if it had an AUX crystal or VFO .. im looking for a blank for the card insert.

Mike KC7NOA

--- In atlas_radio@yahoogroups.com, Jerry Harley <wa2tti@...> wrote:
>
> On 1/9/2011 10:38 AM, Jerry Spears wrote:
> >
> > Hi Jerry, what seems to be the issue with your 350? I
> >
> > have done some work on them. Also own a 210. Jerry
> >
> > _____
> > From: Jerry Harley <wa2tti@... <mailto:wa2tti%40verizon.net>>
> > To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
> > Sent: Sat, January 8, 2011 8:37:17 PM
> > Subject: [atlas_radio] Looking for a 350
> >
> > I'm looking for a working 350. I have one that needs repair. does
> > anyone work on them? Jerry
> >
> > [Non-text portions of this message have been removed]
> >

> >
> It does hear very well if at all. I have to revist it. A little power
> out, like maybe the drivers only.
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

681. RE: [atlas_radio] Atlas 350xl Scale problem

Yahoo group: atlas_radio
Date: 2011-03-30 19:47:14 UTC
From: MIKE DURKIN
Topic: 679 Message: 681

no .. nothing comes to mind ...

To: atlas_radio@yahoogroups.com
From: mihajlovicbranko@...
Date: Wed, 30 Mar 2011 15:22:14 +0000
Subject: [atlas_radio] Atlas 350xl Scale problem

Hi all, have an Atlas 350xl fore two year now and the scale start to go crazy when i pres PTT it drive it shelf in the corner when on AMPS all way to the rite and when on REF all way left. Any idea???

[Non-text portions of this message have been removed]

682. Re: [atlas_radio] Re: Looking for a 350

Yahoo group: atlas_radio
Date: 2011-03-30 22:15:48 UTC
From: Jim
Topic: 648 Message: 682

This group is configured to strip attachments.

Use the Files section or the Photos section.

Jim N6OTQ
group owner

----- Original Message ----
> From: MIKE DURKIN <Patriot121@...>
> To: atlas_radio@yahoogroups.com
> Sent: Wed, March 30, 2011 9:05:35 AM
> Subject: RE: [atlas_radio] Re: Looking for a 350
>
> I think yahoo stripped the attachment ... I don't see it.
>
> To: atlas_radio@yahoogroups.com
> From: n5vab@...
> Date: Wed, 30 Mar 2011 01:19:37 -0700
> Subject: Re: [atlas_radio] Re: Looking for a 350
>
>
>
>
> That would be VFO. I have attached a photo of mine showing the spot it
>where it goes.
>
>

683. Re: [atlas_radio] Re: Looking for a 350

Yahoo group: atlas_radio
Date: 2011-03-30 22:33:35 UTC
From: Alan Jackson
Topic: 648 Message: 683

The post was directed at me and it came in my email. I did not realize it was from the group and tried to post attachments on my reply. After realizing this I posted the photos in the photo section of the group. Enough said. Thank you

Alan....N5VAB

--- On Wed, 3/30/11, Jim <n6otq@...> wrote:

From: Jim <n6otq@...>
Subject: Re: [atlas_radio] Re: Looking for a 350
To: atlas_radio@yahoogroups.com
Date: Wednesday, March 30, 2011, 5:15 PM

This group is configured to strip attachments.

Use the Files section or the Photos section.

Jim N6OTQ
group owner

----- Original Message ----
> From: MIKE DURKIN <Patriot121@...>
> To: atlas_radio@yahoogroups.com
> Sent: Wed, March 30, 2011 9:05:35 AM
> Subject: RE: [atlas_radio] Re: Looking for a 350
>
> I think yahoo stripped the attachment ... I don't see it.
>
> To: atlas_radio@yahoogroups.com
> From: n5vab@yahoo.com
> Date: Wed, 30 Mar 2011 01:19:37 -0700
> Subject: Re: [atlas_radio] Re: Looking for a 350
>
>
>
>
> That would be VFO. I have attached a photo of mine showing the spot it
>where it goes.
>
>

[Non-text portions of this message have been removed]

684. Re: [atlas_radio] Re: Looking for a 350

Yahoo group: atlas_radio
Date: 2011-03-30 22:41:03 UTC
From: Jim
Topic: 648 Message: 684

Hi

I didn't mean to nag, just to remind the group.

This particular configuration feature is a "set once" option in yahoo. You need not thank me for preventing the spread of malware on my group ... when I first set it up, I was seeing a few toxic files a week in the various groups, and wanted to prevent it on my groups.

73
Jim N6OTQ

----- Original Message ----
> From: Alan Jackson <n5vab@...>
> To: atlas_radio@yahoogroups.com
> Sent: Wed, March 30, 2011 5:33:35 PM
> Subject: Re: [atlas_radio] Re: Looking for a 350
>
> The post was directed at me and it came in my email. I did not realize it was
>from the group and tried to post attachments on my reply. After realizing this I
>posted the photos in the photo section of the group. Enough said. Thank you
>
> Alan....N5VAB
>
> --- On Wed, 3/30/11, Jim <n6otq@...> wrote:
>
>
> From: Jim <n6otq@...>
> Subject: Re: [atlas_radio] Re: Looking for a 350
> To: atlas_radio@yahoogroups.com
> Date: Wednesday, March 30, 2011, 5:15 PM
>
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>
> This group is configured to strip attachments.
>
> Use the Files section or the Photos section.
>
> Jim N6OTQ
> group owner
>
> ----- Original Message ----
> > From: MIKE DURKIN <Patriot121@...>

> > To: atlas_radio@yahoogroups.com
> > Sent: Wed, March 30, 2011 9:05:35 AM
> > Subject: RE: [atlas_radio] Re: Looking for a 350
> >
> > I think yahoo stripped the attachment ... I don't see it.
> >
> > To: atlas_radio@yahoogroups.com
> > From: n5vab@...
> > Date: Wed, 30 Mar 2011 01:19:37 -0700
> > Subject: Re: [atlas_radio] Re: Looking for a 350
> >
> >
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> >
> > That would be VFO. I have attached a photo of mine showing the spot it
> >where it goes.
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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685. Re: [atlas_radio] Re: Looking for a 350

Yahoo group: atlas_radio
Date: 2011-03-31 01:17:27 UTC
From: Alan Jackson
Topic: 648 Message: 685

You weren't nagging Jim. Maybe it didn't sound right from me. I understand. I just goofed.
 Something good comes out of everything.   Thanks and 73s

Alan....N5VAB

--- On Wed, 3/30/11, Jim <n6otq@...> wrote:

From: Jim <n6otq@yahoo.com>
Subject: Re: [atlas_radio] Re: Looking for a 350
To: atlas_radio@yahoogroups.com
Date: Wednesday, March 30, 2011, 5:41 PM

Hi

I didn't mean to nag, just to remind the group.

This particular configuration feature is a "set once" option in yahoo. You need
not thank me for preventing the spread of malware on my group ... when I first
set it up, I was seeing a few toxic files a week in the various groups, and
wanted to prevent it on my groups.

73
Jim N6OTQ

----- Original Message ----
> From: Alan Jackson <n5vab@...>
> To: atlas_radio@yahoogroups.com
> Sent: Wed, March 30, 2011 5:33:35 PM
> Subject: Re: [atlas_radio] Re: Looking for a 350
>
> The post was directed at me and it came in my email. I did not realize it was
>from the group and tried to post attachments on my reply. After realizing this I
>posted the photos in the photo section of the group. Enough said. Thank you
>
> Alan....N5VAB
>
> --- On Wed, 3/30/11, Jim <n6otq@yahoo.com> wrote:
>
>
> From: Jim <n6otq@...>
> Subject: Re: [atlas_radio] Re: Looking for a 350
> To: atlas_radio@yahoogroups.com
> Date: Wednesday, March 30, 2011, 5:15 PM
>
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>
> This group is configured to strip attachments.
>
> Use the Files section or the Photos section.
>
> Jim N6OTQ
> group owner
>
> ----- Original Message ----
> > From: MIKE DURKIN <Patriot121@...>
> > To: atlas_radio@yahoogroups.com
> > Sent: Wed, March 30, 2011 9:05:35 AM
> > Subject: RE: [atlas_radio] Re: Looking for a 350
> >
> > I think yahoo stripped the attachment ... I don't see it.
> >
> > To: atlas_radio@yahoogroups.com
> > From: n5vab@...
> > Date: Wed, 30 Mar 2011 01:19:37 -0700
> > Subject: Re: [atlas_radio] Re: Looking for a 350
> >
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> >
> > That would be VFO. I have attached a photo of mine showing the spot it
> >where it goes.
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

686. Re: I need to change to the Atlas 180 group

Yahoo group: atlas_radio
Date: 2011-04-15 16:55:07 UTC
From: seth_otherpower
Topic: 664 Message: 686

Just an atlas 350 xl group...

--- In atlas_radio@yahoogroups.com, Jim <n6otq@...> wrote:
>
> There is no Atlas 180 group.
>
> -- Jim the group owner
>
>
> ----- Original Message ----
> > From: Gary <garymulford@...>
> > To: atlas_radio@yahoogroups.com
> > Sent: Sun, January 30, 2011 10:26:10 PM
> > Subject: [atlas_radio] I need to change to the Atlas 180 group
> >
> > I need to change to the Atlas 180 group
> > Gary <garymulford@...>
> >
>

687. (no subject)

Yahoo group: atlas_radio
Date: 2011-04-17 21:29:26 UTC
From: Dennis Jones
Topic: 687 Message: 687

Dennis Jones
k6rcl@...

[Non-text portions of this message have been removed]

688. Atlas 350XL with VFO

Yahoo group: atlas_radio
Date: 2011-04-18 01:00:50 UTC
From: DJ K6RCL
Topic: 688 Message: 688

Would the group let me know what my Atlas 350XL with VFO worth in USD?
Also I have a Atlas 215, receives fine but low power in transmit, like 25 to 35 watts. Any Ideas were to look?

Thank you for the read

DJ K6RCL in Goleta, Ca.

689. 215XL dial

Yahoo group: atlas_radio
Date: 2011-04-18 01:04:05 UTC
From: DJ K6RCL
Topic: 689 Message: 689

Hi All;

Looking for a new or used in good condition, dial face, mine got smoked by a blown cap on the audio board.

Thank You

DJ K6RCL

690. RE: [atlas_radio] Atlas 350XL with VFO

Yahoo group: atlas_radio
Date: 2011-04-18 01:17:47 UTC
From: MIKE DURKIN
Topic: 688 Message: 690

You mean the AUX VFO?

Id guess the finals or driver ... not hard to fix. As long as the Ex was good.

Mike KC7NOA

To: atlas_radio@yahoogroups.com
From: k6rcl@...
Date: Mon, 18 Apr 2011 01:00:50 +0000
Subject: [atlas_radio] Atlas 350XL with VFO

Would the group let me know what my Atlas 350XL with VFO worth in USD?

Also I have a Atlas 215, receives fine but low power in transmit, like 25 to 35 watts. Any Ideas were to look?

Thank you for the read

DJ K6RCL in Goleta, Ca.

[Non-text portions of this message have been removed]

691. RE: [atlas_radio] Atlas 350XL with VFO

Yahoo group: atlas_radio
Date: 2011-04-18 01:27:37 UTC
From: MIKE DURKIN
Topic: 688 Message: 691

That was Rx on the 215.

Does the 350XL oscillate on transmit? Mod's to help curb that? Is it low on any bands on Tx? - does it have a serial number next to the power connector?

> To: atlas_radio@yahoogroups.com
> From: Patriot121@...
> Date: Sun, 17 Apr 2011 18:17:47 -0700
> Subject: RE: [atlas_radio] Atlas 350XL with VFO
>
> You mean the AUX VFO?
>
> Id guess the finals or driver ... not hard to fix. As long as the Ex was good.
>
> Mike KC7NOA
>
> To: atlas_radio@yahoogroups.com
> From: k6rcl@...
> Date: Mon, 18 Apr 2011 01:00:50 +0000
> Subject: [atlas_radio] Atlas 350XL with VFO
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> Would the group let me know what my Atlas 350XL with VFO worth in USD?

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> Also I have a Atlas 215, receives fine but low power in transmit, like 25 to 35 watts. Any Ideas were to look?
>
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>
> Thank you for the read
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> DJ K6RCL in Goleta, Ca.
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

692. Re: [atlas_radio] Atlas 350XL with VFO

Yahoo group: atlas_radio
Date: 2011-04-18 03:33:52 UTC
From: Alan Jackson
Topic: 688 Message: 692

I sold my working Atlas 350XL for $450.00 US if this is any help. I wasn't sure of the price either.

Alan....N5VAB

--- On Sun, 4/17/11, DJ K6RCL <k6rcl@...> wrote:

From: DJ K6RCL <k6rcl@...>
Subject: [atlas_radio] Atlas 350XL with VFO
To: atlas_radio@yahoogroups.com
Date: Sunday, April 17, 2011, 8:00 PM

Would the group let me know what my Atlas 350XL with VFO worth in USD?
Also I have a Atlas 215, receives fine but low power in transmit, like 25 to 35 watts. Any Ideas were to look?

Thank you for the read

DJ K6RCL in Goleta, Ca.

[Non-text portions of this message have been removed]

693. Re: [atlas_radio] Atlas 350XL with VFO

Yahoo group: atlas_radio
Date: 2011-04-18 03:35:10 UTC
From: Alan Jackson
Topic: 688 Message: 693

That was without the extra VFO installed.

Alan....N5VAB

--- On Sun, 4/17/11, DJ K6RCL <k6rcl@...> wrote:

From: DJ K6RCL <k6rcl@...>
Subject: [atlas_radio] Atlas 350XL with VFO
To: atlas_radio@yahoogroups.com
Date: Sunday, April 17, 2011, 8:00 PM

Would the group let me know what my Atlas 350XL with VFO worth in USD?
Also I have a Atlas 215, receives fine but low power in transmit, like 25 to 35 watts. Any Ideas were to look?

Thank you for the read

DJ K6RCL in Goleta, Ca.

[Non-text portions of this message have been removed]

694. Quick New Member Intro

Yahoo group: atlas_radio
Date: 2011-06-06 23:28:11 UTC
From: John Strohm
Topic: 694 Message: 694

I'm John R. Strohm WB5YOO.

If you want someone to blame for your esteemed Moderator's introduction to the Atlas radios, blame me. It was originally my rig, but it stayed in Austin when I moved to Cowtown, and later Dallas. Jim N6OTQ felt that letting a good radio sit idle was a crime against humanity and the gods of the airwaves (and I kind of agree), and the rest is history.

695. Re: [atlas_radio] Quick New Member Intro

Yahoo group: atlas_radio
Date: 2011-06-07 00:46:59 UTC
From: Paul Mateer
Topic: 694 Message: 695

LOL...Welcome Back(?)

On Mon, Jun 6, 2011 at 6:28 PM, John Strohm <johnrstrohm@...> wrote:

>
>
> I'm John R. Strohm WB5YOO.
>
> If you want someone to blame for your esteemed Moderator's introduction to
> the Atlas radios, blame me. It was originally my rig, but it stayed in
> Austin when I moved to Cowtown, and later Dallas. Jim N6OTQ felt that
> letting a good radio sit idle was a crime against humanity and the gods of
> the airwaves (and I kind of agree), and the rest is history.
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

696. Dd6 b mod to use with 5645 if

Yahoo group: atlas_radio
Date: 2011-06-14 01:44:32 UTC
From: gary.jungwirth
Topic: 696 Message: 696

Hell-o.
Does anyone have any info on wireing a dd6b for use with a 210x with an if of 5645?
The dd6c has jumpers labeled on the board but the 6b doesn't.
Thanks
Gary wa9gj

697. Dd6 b mod to use with 5645 if

Yahoo group: atlas_radio
Date: 2011-06-14 01:45:05 UTC
From: gary.jungwirth
Topic: 696 Message: 697

Hell-o.
Does anyone have any info on wireing a dd6b for use with a 210x with an if of 5645?
The dd6c has jumpers labeled on the board but the 6b doesn't.
Thanks
Gary wa9gj

698. Re: [atlas_radio] Dd6 b mod to use with 5645 if

Yahoo group: atlas_radio
Date: 2011-06-14 13:15:49 UTC
From: Paul Mateer
Topic: 696 Message: 698

Is this what you need? http://www.hamanuals.com/MMans/DD6Man.pdf

On Mon, Jun 13, 2011 at 8:45 PM, gary.jungwirth <gary.jungwirth@...>wrote:

>
>
> Hell-o.
> Does anyone have any info on wireing a dd6b for use with a 210x with an if
> of 5645?
> The dd6c has jumpers labeled on the board but the 6b doesn't.
> Thanks
> Gary wa9gj
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

699. Re: Dd6 b mod to use with 5645 if

Yahoo group: atlas_radio
Date: 2011-06-14 15:33:21 UTC
From: gary.jungwirth
Topic: 696 Message: 699

Paul, thanks but the one I need is the "b" model. This is the plain jane and I have the B. I have a "c" but that is also different.

--- In atlas_radio@yahoogroups.com, Paul Mateer <paul.aa9gg@...> wrote:
>
> Is this what you need? http://www.hamanuals.com/MMans/DD6Man.pdf
>
>
> On Mon, Jun 13, 2011 at 8:45 PM, gary.jungwirth <gary.jungwirth@...>wrote:
>
> > >
> > >
> > > Hell-o.
> > > Does anyone have any info on wireing a dd6b for use with a 210x with an if
> > > of 5645?
> > > The dd6c has jumpers labeled on the board but the 6b doesn't.
> > > Thanks
> > > Gary wa9gj
> > >
> > >
> > >
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> >
> > --
> > Paul Mateer, AA9GG
> > Elan Engineering Corp.
> > www.elanengr.com
> > NAQCC 3123, SKCC 4628, FPQRP 2003
> >
> >
> > [Non-text portions of this message have been removed]
>

700. Re: [atlas_radio] Re: Dd6 b mod to use with 5645 if

Yahoo group: atlas_radio
Date: 2011-06-14 16:14:36 UTC
From: Paul Mateer
Topic: 696 Message: 700

I could not find any reference to a B version :o(

On Tue, Jun 14, 2011 at 10:33 AM, gary.jungwirth
<gary.jungwirth@...>wrote:

>
>
> Paul, thanks but the one I need is the "b" model. This is the plain jane
> and I have the B.
> I have a "c" but that is also different.
>
>
> --- In atlas_radio@yahoogroups.com, Paul Mateer <paul.aa9gg@...> wrote:
> >
> > Is this what you need? http://www.hamanuals.com/MMans/DD6Man.pdf
> >
> >
> > On Mon, Jun 13, 2011 at 8:45 PM, gary.jungwirth <gary.jungwirth@
> ...>wrote:
>
> >
> > >
> > > >
> > > > Hell-o.
> > > > Does anyone have any info on wireing a dd6b for use with a 210x with an
> > if
> > > > of 5645?
> > > > The dd6c has jumpers labeled on the board but the 6b doesn't.
> > > > Thanks
> > > > Gary wa9gj
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> > > --
> > > Paul Mateer, AA9GG
> > > Elan Engineering Corp.
> > > www.elanengr.com
> > > NAQCC 3123, SKCC 4628, FPQRP 2003
> > >
> > >
> > > [Non-text portions of this message have been removed]
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>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

701. Re: Dd6 b mod to use with 5645 if

Yahoo group: atlas_radio
Date: 2011-06-14 21:21:25 UTC
From: gary.jungwirth
Topic: 696 Message: 701

Paul,
The unit I have has 12 logic chips not counting the displays.the schematic you have has 11 and the c schematic I have has 13. So the magic info I need will have 12 logic chips .
Thanks again

--- In atlas_radio@yahoogroups.com, Paul Mateer <paul.aa9gg@...> wrote:
>
> I could not find any reference to a B version :o(
>
> On Tue, Jun 14, 2011 at 10:33 AM, gary.jungwirth
> <gary.jungwirth@...>wrote:
>
> >
> >
> > Paul, thanks but the one I need is the "b" model. This is the plain jane
> > and I have the B.
> > I have a "c" but that is also different.
> > >
> > >
> > > --- In atlas_radio@yahoogroups.com, Paul Mateer <paul.aa9gg@> wrote:
> > > >
> > > > Is this what you need? http://www.hamanuals.com/MMans/DD6Man.pdf
> > > >
> > > >
> > > > On Mon, Jun 13, 2011 at 8:45 PM, gary.jungwirth <gary.jungwirth@
> > > ...>wrote:
> > >
> > > >
> > > > >
> > > > > Hell-o.
> > > > > Does anyone have any info on wireing a dd6b for use with a 210x with an
> > > if
> > > > > of 5645?
> > > > > The dd6c has jumpers labeled on the board but the 6b doesn't.
> > > > > Thanks
> > > > > Gary wa9gj
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> > > > > --
> > > > > Paul Mateer, AA9GG

> > > Elan Engineering Corp.
> > > www.elanengr.com
> > > NAQCC 3123, SKCC 4628, FPQRP 2003
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> > > [Non-text portions of this message have been removed]
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> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com
> NAQCC 3123, SKCC 4628, FPQRP 2003
>
>
> [Non-text portions of this message have been removed]
>

702. 201X console

Yahoo group: atlas_radio
Date: 2011-06-29 16:31:08 UTC
From: Mike
Topic: 702 Message: 702

Hi All,

I recently received a 210X and a CS 220 console in the mail. The LO AMPS output is regulated at 12.5 VDC and seems fine.

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The transformer windings look to be held in place with some orange goop and I don't want to damage it by removing some windings if that is even possible.

Short of a forklift changeout of the power supply in the console, does anybody have any other good ideas?

Thanks in advance.

73,
Mike
KA5DVR

703. Re: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-06-29 16:37:32 UTC
From: Dennis
Topic: 702 Message: 703

Leave it alone!
Looks to me like everything is working just fine.
The "Hi amps" output is just as it should be without a load on it.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>
>From: Mike <rvd151a0k0@...>
>To: atlas_radio@yahoogroups.com
>Sent: Wed, June 29, 2011 11:31:08 AM
>Subject: [atlas_radio] 201X console
>
>
>Hi All,
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>I recently received a 210X and a CS 220 console in the mail. The LO AMPS output
>is regulated at 12.5 VDC and seems fine.
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>have any other good ideas?
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>Thanks in advance.
>
>73,
>Mike
>KA5DVR
>
>
>

[Non-text portions of this message have been removed]

704. Re: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-06-29 17:04:38 UTC
From: Paul Mateer
Topic: 702 Message: 704

AGREED!

On Wed, Jun 29, 2011 at 11:37 AM, Dennis <spike.dennis@...> wrote:

> **
>
>
> Leave it alone!
> Looks to me like everything is working just fine.
> The "Hi amps" output is just as it should be without a load on it.
>
> Dennis Starks
> Military-Radio-Guy
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> >
> >73,
> >Mike
> >KA5DVR
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

705. Re: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-06-29 17:26:16 UTC
From: Mike Williamson
Topic: 702 Message: 705

Dennis,

Thanks for the quick comments. The driver transistor in this 210X is a MRF476 with a max Vce voltage rating of 18 volts. If I very briefly power the console up with the 210X plugged in the voltage drops to 17.55 VDC. The MRF476 only has a couple of 1.1 ohm emitter resistors to help drop the Vce a bit more. That is my main concern. The PA transistors are new and are MRF454s which are good for about 25 VDC max Vce.
The pre driver 2N3866 has a 30 VDC Vce max.

The output of the HI AMPS will probably drop to around the 13 VDC in the manual under full output.

I really just wanted to play with this one instead of having to fix it like my 350XLs.

Thanks again,

73
Mike
KA5DVR

From: Dennis <spike.dennis@...>
To: atlas_radio@...m
Sent: Wednesday, June 29, 2011 10:37 AM
Subject: Re: [atlas_radio] 201X console

Leave it alone!
Looks to me like everything is working just fine.
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Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

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706. Re: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-06-29 17:39:43 UTC
From: Dennis
Topic: 702 Message: 706

If your worried, put it on a variac.
I've been running mine for years both on the console, & on the portable Atlas supply, with no ill effects.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>
>From: Mike Williamson <rvd151a0k0@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Wed, June 29, 2011 12:26:16 PM
>Subject: Re: [atlas_radio] 201X console
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>Dennis,
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>Thanks for the quick comments. The driver transistor in this 210X is a MRF476
>with a max Vce voltage rating of 18 volts. If I very briefly power the console
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>350XLs.
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>Thanks again,
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>73
>Mike
>KA5DVR
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>From: Dennis <spike.dennis@yahoo.com>
>To: atlas_radio@yahoogroups.com
>Sent: Wednesday, June 29, 2011 10:37 AM
>Subject: Re: [atlas_radio] 201X console
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707. Re: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-06-29 19:28:37 UTC
From: Mike Williamson
Topic: 702 Message: 707

Dennis,

You are probably right. Being to cautious. Thanks for the input.

73,

Mike
KA5DVR

From: Dennis <spike.dennis@yahoo.com>
To: atlas_radio@yahoogroups.com
Sent: Wednesday, June 29, 2011 11:39 AM
Subject: Re: [atlas_radio] 201X console

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708. Re: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-06-29 23:25:27 UTC
From: dennis hatch
Topic: 702 Message: 708

Put a 15 Volt "bucking transformer" in series with the 125V AC and buck the voltage back down to 110V..... OR.....modify the economical "brute force" stock design to a modern regulated supply. (Clone an ASTRON RS-20 design.)

_____
From: Mike <rvd151a0k0@yahoo.com>
To: atlas_radio@yahoogroups.com
Sent: Wed, June 29, 2011 11:31:08 AM
Subject: [atlas_radio] 201X console

Hi All,

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Thanks in advance.

73,
Mike
KA5DVR

Yahoo! Groups Links

[Non-text portions of this message have been removed]

709. RE: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-06-30 00:02:45 UTC
From: MIKE DURKIN
Topic: 702 Message: 709

Nah. The original design is fine ... the high current side dosent need that much regulation.

To: atlas_radio@yahoogroups.com
From: dennishhatch@yahoo.com
Date: Wed, 29 Jun 2011 16:25:27 -0700
Subject: Re: [atlas_radio] 201X console

Put a 15 Volt "bucking transformer" in series with the 125V AC and buck the

voltage back down to 110V..... OR.....modify the economical "brute force" stock

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From: Mike <rvd151a0k0@...>

To: atlas_radio@yahoogroups.com

Sent: Wed, June 29, 2011 11:31:08 AM

Subject: [atlas_radio] 201X console

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have any other good ideas?

Thanks in advance.

73,

Mike

KA5DVR

Yahoo! Groups Links

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710. Re: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-06-30 05:27:53 UTC
From: Dennis Jones
Topic: 702 Message: 710

Mike,

Do you have a load on the Hi current output?

DJ k6rcl
On Jun 29, 2011, at 9:31 AM, Mike wrote:

> Hi All,
>
> I recently received a 210X and a CS 220 console in the mail. The LO
> AMPS output is regulated at 12.5 VDC and seems fine.
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> 73,
> Mike
> KA5DVR
>
>

Dennis Jones
k6rcl@...

[Non-text portions of this message have been removed]

711. Re: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-06-30 22:13:21 UTC
From: JACK BREWER
Topic: 702 Message: 711

Plug it in,, it will be fine

From: Mike <rvd151a0k0@...>
To: atlas_radio@yahoogroups.com
Sent: Wed, June 29, 2011 11:31:08 AM
Subject: [atlas_radio] 201X console

Hi All,

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Thanks in advance.

73,
Mike
KA5DVR

[Non-text portions of this message have been removed]

712. Re: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-07-01 14:54:51 UTC
From: dennis hatch
Topic: 702 Message: 712

Maybe with 110V AC input voltage.... I wonder why so many Atlas final amp transistors need replaced? Good Luck.

From: MIKE DURKIN <Patriot121@...>
To: atlas_radio@yahoogroups.com
Sent: Wed, June 29, 2011 7:02:45 PM
Subject: RE: [atlas_radio] 201X console

Nah. The original design is fine ... the high current side dosent need that much regulation.

To: atlas_radio@yahoogroups.com
From: dennishhatch@...
Date: Wed, 29 Jun 2011 16:25:27 -0700
Subject: Re: [atlas_radio] 201X console

Put a 15 Volt "bucking transformer" in series with the 125V AC and buck the

voltage back down to 110V..... OR.....modify the economical "brute force" stock

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From: Mike <rvd151a0k0@...>

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Sent: Wed, June 29, 2011 11:31:08 AM

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Yahoo! Groups Links

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Yahoo! Groups Links

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713. RE: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-07-01 15:10:34 UTC
From: MIKE DURKIN
Topic: 702 Message: 713

Going into oscillation because it got too hot ... being a windbag won't keep your finals cool.

To: atlas_radio@yahoogroups.com
From: dennishhatch@yahoo.com
Date: Fri, 1 Jul 2011 07:54:51 -0700
Subject: Re: [atlas_radio] 201X console

Maybe with 110V AC input voltage.... I wonder why so many Atlas final amp

transistors need replaced? Good Luck.

From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Wed, June 29, 2011 7:02:45 PM

Subject: RE: [atlas_radio] 201X console

Nah. The original design is fine ... the high current side dosent need that

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To: atlas_radio@yahoogroups.com

From: dennishhatch@...

Date: Wed, 29 Jun 2011 16:25:27 -0700

Subject: Re: [atlas_radio] 201X console

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Yahoo! Groups Links

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Yahoo! Groups Links

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714. RE: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-07-01 15:13:09 UTC
From: MIKE DURKIN
Topic: 702 Message: 714

Im thinking of the Atlas350XL....

Thermal run away ..... from the same cause.

> To: atlas_radio@yahoogroups.com
> From: Patriot121@...
> Date: Fri, 1 Jul 2011 08:10:34 -0700
> Subject: RE: [atlas_radio] 201X console
>
> Going into oscillation because it got too hot ... being a windbag won't keep your finals cool.
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> ---
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

715. Re: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-07-01 18:00:16 UTC
From: JACK BREWER
Topic: 702 Message: 715

a lot of Atlas radios are guilty of thermal runaway. always check the bias on the finals. bias is the greatest problem with any Atlas

---
From: MIKE DURKIN <Patriot121@...>
To: atlas_radio@yahoogroups.com
Sent: Fri, July 1, 2011 10:13:09 AM
Subject: RE: [atlas_radio] 201X console

Im thinking of the Atlas350XL....

Thermal run away ..... from the same cause.

> To: atlas_radio@yahoogroups.com
> From: Patriot121@...
> Date: Fri, 1 Jul 2011 08:10:34 -0700
> Subject: RE: [atlas_radio] 201X console
>
> Going into oscillation because it got too hot ... being a windbag won't keep
>your finals cool.
>
> To: atlas_radio@yahoogroups.com
> From: dennishhatch@...
> Date: Fri, 1 Jul 2011 07:54:51 -0700
> Subject: Re: [atlas_radio] 201X console
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> Maybe with 110V AC input voltage.... I wonder why so many Atlas final amp
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> transistors need replaced? Good Luck.
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> _____
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> From: MIKE DURKIN <Patriot121@...>
>
> To: atlas_radio@yahoogroups.com
>
> Sent: Wed, June 29, 2011 7:02:45 PM
>
> Subject: RE: [atlas_radio] 201X console
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>
> Nah. The original design is fine ... the high current side dosent need that
>
> much regulation.
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> To: atlas_radio@yahoogroups.com
>
> From: dennishhatch@...
>
> Date: Wed, 29 Jun 2011 16:25:27 -0700
>
> Subject: Re: [atlas_radio] 201X console
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> Put a 15 Volt "bucking transformer" in series with the 125V AC and buck
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> the

> voltage back down to 110V..... OR.....modify the economical "brute force" stock
> design to a modern regulated supply. (Clone an ASTRON RS-20 design.)
> _____
> From: Mike <rvd151a0k0@...>
> To: atlas_radio@yahoogroups.com
> Sent: Wed, June 29, 2011 11:31:08 AM
> Subject: [atlas_radio] 201X console
> Hi All,
> I recently received a 210X and a CS 220 console in the mail. The LO AMPS output
> is regulated at 12.5 VDC and seems fine.
> The HI AMPS output is 17.76 VDC and unregulated. Per the schematic, the console
>

> wants to see 110 VAC out of the wall and not the 125 VAC it is getting. It
>looks
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> good otherwise.
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> The transformer windings look to be held in place with some orange goop and I
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> don't want to damage it by removing some windings if that is even possible.
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> Short of a forklift changeout of the power supply in the console, does anybody

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> have any other good ideas?
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> Thanks in advance.
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> 73,
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> Mike
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> KA5DVR
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716. Thermal runaway

Yahoo group: atlas_radio
Date: 2011-07-02 00:04:36 UTC
From: zl1ujg
Topic: 702 Message: 716

Hi,
Ensure the bias diode (s) is (are) thermally coupled to the heat source (transistors) as they are no good in mid air. A dollop of heatsink compound for the diode to sit in on the transistor will help.
Some designs bury the diode (or thermal sensor) in the heatsink close to the transistor)

I saw an increase from 0.5A standing current to over 2A, during tests previously, because the diode isnt thermally coupled. I switched off after this point, but it would probably go further on long overs. This was at 10 to 50W into a good termination. Reflected power would further increase heating and probably accelerate the current increase.

Negative feedback will also help stabilise the PA, as the device gain increases significantly at lower frequencies, which may give rise to other instability (spurious oscillation)

Kevin

717. Re: [atlas_radio] 201X console

Yahoo group: atlas_radio
Date: 2011-07-04 12:01:19 UTC
From: dennis hatch
Topic: 702 Message: 717

P=EI

From: MIKE DURKIN <Patriot121@...>
To: atlas_radio@yahoogroups.com
Sent: Fri, July 1, 2011 10:10:34 AM
Subject: RE: [atlas_radio] 201X console

Going into oscillation because it got too hot ... being a windbag won't keep
your finals cool.

To: atlas_radio@yahoogroups.com
From: dennishhatch@...
Date: Fri, 1 Jul 2011 07:54:51 -0700
Subject: Re: [atlas_radio] 201X console

Maybe with 110V AC input voltage.... I wonder why so many Atlas final amp

transistors need replaced? Good Luck.

From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Wed, June 29, 2011 7:02:45 PM

Subject: RE: [atlas_radio] 201X console

Nah. The original design is fine ... the high current side dosent need that

much regulation.

To: atlas_radio@yahoogroups.com

From: dennishhatch@yahoo.com

Date: Wed, 29 Jun 2011 16:25:27 -0700

Subject: Re: [atlas_radio] 201X console

Put a 15 Volt "bucking transformer" in series with the 125V AC and buck

the

voltage back down to 110V..... OR.....modify the economical "brute force" stock

design to a modern regulated supply. (Clone an ASTRON RS-20 design.)

From: Mike <rvd151a0k0@...>

To: atlas_radio@yahoogroups.com

Sent: Wed, June 29, 2011 11:31:08 AM

Subject: [atlas_radio] 201X console

Hi All,

I recently received a 210X and a CS 220 console in the mail. The LO AMPS output is regulated at 12.5 VDC and seems fine.

The HI AMPS output is 17.76 VDC and unregulated. Per the schematic, the console wants to see 110 VAC out of the wall and not the 125 VAC it is getting. It looks good otherwise.

The transformer windings look to be held in place with some orange goop and I don't want to damage it by removing some windings if that is even possible.

Short of a forklift changeout of the power supply in the console, does anybody have any other good ideas?

Thanks in advance.

73,

Mike

KA5DVR

Yahoo! Groups Links

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Yahoo! Groups Links

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

718. (no subject)

Yahoo group: atlas_radio
Date: 2011-07-30 16:50:47 UTC
From: John Strohm
Topic: 718 Message: 718

those debt collectors called me off the hook I needed a quick and easy solution this is so unique...
http://exyy.web.fc2.com/JustinBaker74.html this proves that miracles do exist dont wait to try it out
Dont say I never help anyone!
[Non-text portions of this message have been removed]

719. If your password gets compromised ...

Yahoo group: atlas_radio
Date: 2011-07-30 18:12:33 UTC
From: n6otq
Topic: 719 Message: 719

... and is used to send SPAM to this group ...

YOU WILL BE BANNED.

There are no exceptions. If your password has been compromised and you have already been banned, I hope that you will be smart enough to fond a way to contact the group owner to seek readmission WITH A DIFFERENT EMAIL ADDRESS.

Have a nice day, all.

Meantime, I have banned my own brother because he was incautious enough to get his password compromised.

Jim N6OTQ
group owner

720. Re: [atlas_radio] If your password gets compromised SPAM

Yahoo group: atlas_radio
Date: 2011-07-30 18:28:17 UTC
From: Dennis
Topic: 719 Message: 720

EXTREMELY nice to see that someone is paying attention this time!

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>_____
>From: n6otq <n6otq@yahoo.com>
>To: atlas_radio@yahoogroups.com
>Sent: Saturday, July 30, 2011 1:12 PM
>Subject: [atlas_radio] If your password gets compromised ...
>
>
>
>... and is used to send SPAM to this group ...
>
>YOU WILL BE BANNED.
>
>

[Non-text portions of this message have been removed]

721. RE: [atlas_radio] If your password gets compromised SPAM

Yahoo group: atlas_radio
Date: 2011-07-31 00:07:07 UTC
From: MIKE DURKIN
Topic: 719 Message: 721

why USB on 3996 ?

To: atlas_radio@yahoogroups.com
From: spike.dennis@yahoo.com
Date: Sat, 30 Jul 2011 11:28:17 -0700
Subject: Re: [atlas_radio] If your password gets compromised SPAM

EXTREMELY nice to see that someone is paying attention this time!

Dennis Starks

Military-Radio-Guy

KB0SFP

Monitor(all USB):

3996, 5403.5, 7296, 14342.5, 18157.5

>_____

>From: n6otq <n6otq@...>

>To: atlas_radio@yahoogroups.com

>Sent: Saturday, July 30, 2011 1:12 PM

>Subject: [atlas_radio] If your password gets compromised ...

>

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>

>... and is used to send SPAM to this group ...

>

>YOU WILL BE BANNED.

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>

[Non-text portions of this message have been removed]

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722. RE: [atlas_radio] USB on 3996 - was: If your password gets compromised SPAM -

Yahoo group: atlas_radio
Date: 2011-07-31 00:38:39 UTC
From: Bill Cromwell
Topic: 719 Message: 722

--- On Sat, 7/30/11, MIKE DURKIN <Patriot121@...> wrote:

> From: MIKE DURKIN <Patriot121@...>
> Subject: RE: [atlas_radio] If your password gets compromised SPAM
> To: atlas_radio@yahoogroups.com
> Date: Saturday, July 30, 2011, 8:07 PM
> why USB on 3996 ?
>

Hi Mike,

I think that's what military radios do. They don't use or have LSB on any band so the mil guys use them as-is on USB. A few of them modify their radios to use LSB but not very many.

73,

Bill KU8H

723. Re: [atlas_radio] If your password gets compromised SPAM

Yahoo group: atlas_radio
Date: 2011-07-31 00:45:56 UTC
From: Bill Cromwell
Topic: 719 Message: 723

Hi,
I don't know how incautious we have to be to get hacked on Yahoo. I try to play the password game and keep it secure. So far so good but I think it could happen to any of us. Some of the gaming and social "networks" ask you to give them your password and *THAT* is just plain foolish - but people do it all the time. If we get hacked we know what to do.

73,
Bill KU8H

[Non-text portions of this message have been removed]

724. Atlas 180 dial drum

Yahoo group: atlas_radio
Date: 2011-07-31 00:51:27 UTC
From: Bill
Topic: 724 Message: 724

Hi,

My Atlas 180 had the dial drum crack and after I took it out to attempt repairs it got misplaced. I don't know how well a repair would hold together anyway. Does anybody have one they can sell? What about directions to a replacement. I will even try to make one if somebody can give some accurate dimensions/drawings.

Failing that I suppose an electronic dial could do the job. I can build one of those but would rather something original or very close. The radio still works FB.

73,

Bill KU8H

725. Re: [atlas_radio] If your password gets compromised SPAM

Yahoo group: atlas_radio
Date: 2011-07-31 01:48:35 UTC
From: Dennis
Topic: 719 Message: 725

It's also USB on 7296. See Milpack & HFpack.
Also we run almost exclusively military, commercial, & marine equipment much of which is USB only.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>_____
>From: MIKE DURKIN <Patriot121@...>
>To: atlas_radio@yahoogroups.com
>Sent: Saturday, July 30, 2011 7:07 PM
>Subject: RE: [atlas_radio] If your password gets compromised SPAM
>
>why USB on 3996 ?
>
>To: atlas_radio@yahoogroups.com
>From: spike.dennis@...
>Date: Sat, 30 Jul 2011 11:28:17 -0700
>Subject: Re: [atlas_radio] If your password gets compromised SPAM
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>   EXTREMELY nice to see that someone is paying attention this time!
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>Dennis Starks
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>Military-Radio-Guy
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>KB0SFP
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>Monitor(all USB):
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>3996, 5403.5, 7296, 14342.5, 18157.5
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>>_________________________________
>
>>From: n6otq <n6otq@...>
>
>>To: atlas_radio@yahoogroups.com
>
>>Sent: Saturday, July 30, 2011 1:12 PM
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>>Subject: [atlas_radio] If your password gets compromised ...
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>>... and is used to send SPAM to this group ...
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>>YOU WILL BE BANNED.
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726. Re: [atlas_radio] Atlas 180 dial drum

Yahoo group: atlas_radio
Date: 2011-07-31 23:43:34 UTC
From: JACK BREWER
Topic: 724 Message: 726

I bought one off ebay that had been cracked and repaired quite nicely. If you can find it, think about this. The previous owner had glued the 2 pieces back together and then glued a cd plain disk to the top and it looks not bad and is holding up quite well. Be carefull to exactly center the cd disk and cut the notch out carefully and turn upside down to drill out the tuning access holes

---
From: Bill <w_r_cromwell@...>
To: atlas_radio@yahoogroups.com
Sent: Sat, July 30, 2011 8:51:27 PM
Subject: [atlas_radio] Atlas 180 dial drum

Hi,

My Atlas 180 had the dial drum crack and after I took it out to attempt repairs it got misplaced. I don't know how well a repair would hold together anyway. Does anybody have one they can sell? What about directions to a replacement. I will even try to make one if somebody can give some accurate dimensions/drawings.

Failing that I suppose an electronic dial could do the job. I can build one of those but would rather something original or very close. The radio still works FB.

73,

Bill KU8H

[Non-text portions of this message have been removed]

727. Cardboard Light Shield in 210X

Yahoo group: atlas_radio
Date: 2011-08-23 14:20:01 UTC
From: wc0l
Topic: 727 Message: 727

Hi everybody. This is Mike, WC0L. I have been a member of the group for a while, but just recently acquired my first Atlas, a 210X, that I am trying to refurb and get on the air. When I first opened up the rig, a small piece of cardboard fell out. It is sort of an aqua blue color on one side and just brown on the other. It is about .75 inch by 1.25 inch. It looks like it has been glued on the brown side, and it came loose. I also note that it looks like something has been glued to one side of the meter at some time. Does anyone know if this cardboard is supposed to be glued to the meter?

Thanks for any thoughts. I look forward to working some of you on the air with the 210X in the near future.

73,
Mike, WC0L

728. 350-xl

Yahoo group: atlas_radio
Date: 2011-08-23 17:05:06 UTC
From: Ed Haggerty
Topic: 728 Message: 728

Hello to all on the group

Wondering if anyone could recommend a repair person/business to get my 350-xl fixed. It appears to be a problem with the power Amp., but I am not 100% sure.

Thanks and 73

Ed (KB3TOX)

729. RE: [atlas_radio] 350-xl

Yahoo group: atlas_radio
Date: 2011-08-23 17:43:00 UTC
From: MIKE DURKIN
Topic: 728 Message: 729

Don't have any tools for working on it yourself?

KC7NOA
Atlas_350XL_@yahoogroups.com

To: atlas_radio@yahoogroups.com
From: himself@...
Date: Tue, 23 Aug 2011 13:05:06 -0400
Subject: [atlas_radio] 350-xl

Hello to all on the group

Wondering if anyone could recommend a repair person/business to get my 350-xl fixed. It appears to be a problem with the power Amp., but I am not 100% sure.

Thanks and 73

Ed (KB3TOX)

[Non-text portions of this message have been removed]

730. RE: [atlas_radio] 350-xl

Yahoo group: atlas_radio
Date: 2011-08-23 18:14:58 UTC
From: Jim
Topic: 728 Message: 730

Hi all

Sometimes it's not bad to seek out a professional service provider.

I've been doing my own automotive repairs since 1975, but some stuff I farm out because I just don't want to mess with it (mufflers!!!) -- or lately, since now I am playing with Porsches, because I want to encourage the local repair shops.

And -- unlike with Atlas radios -- Porsches require an amazing number of small, somewhat specialized tools for nearly every task. An example -- for an equivalent $300 timing belt change on a Chevy, my '87 944S requires a $300 timing belt tension measurement gauge. BEFORE labor and parts.

But the difference between driving a Chevy and driving a Porsche is almost incomparable. I keep telling my brother, but he keeps buying Chevys and wondering why I have these hot chicks all over me and my Porches....

When you tell your friends on the air that you have an Atlas -- it's exactly the same thing! ANYBODY can buy a Yaesu. Only the privileged few get to own an Atlas. I keep hoping my brother will eventually get this concept, since I got my first Atlas from him.

Anyway, it's OK to hire somebody to fix your Atlas (or anything else), and it's even better to support the people who DO fix them.

73
Jim N6OTQ
group owner

--- On Tue, 8/23/11, MIKE DURKIN <Patriot121@...> wrote:

> From: MIKE DURKIN <Patriot121@msn.com>
>
> Don't have any tools for working on
> it yourself?
>
> KC7NOA
> Atlas_350XL_@yahoogroups.com
>
> To: atlas_radio@yahoogroups.com
> From: himself@...
> Date: Tue, 23 Aug 2011 13:05:06 -0400
> Subject: [atlas_radio] 350-xl
>
>
>
>   Hello to all on the group
>

>
> Wondering if anyone could recommend a repair
> person/business to get my 350-xl fixed. It appears to
> be a problem with the power Amp., but I am not 100% sure.
>
> Thanks and 73
>
> Ed (KB3TOX)

731. RE: [atlas_radio] 350-xl

Yahoo group: atlas_radio
Date: 2011-08-23 18:48:44 UTC
From: MIKE DURKIN
Topic: 728 Message: 731

I agree...

I was trying to how to ascertain if it need to go to a professional or could an amatuer handle it ...

I probly have done the most agreegious offense to my Atlas 350XL ... almost completely gutted it and put in a SDR (UHFSDR & SDR2GO) into it ... Now its direct conversion. (and will eventually cover 1.60mhz to 900mhz)

To: atlas_radio@yahoogroups.com
From: n6otq@...
Date: Tue, 23 Aug 2011 11:14:58 -0700
Subject: RE: [atlas_radio] 350-xl

Hi all

Sometimes it's not bad to seek out a professional service provider.

I've been doing my own automotive repairs since 1975, but some stuff I farm out because I just don't want to mess with it (mufflers!!!) -- or lately, since now I am playing with Porsches, because I want to encourage the local repair shops.

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When you tell your friends on the air that you have an Atlas -- it's exactly the same thing! ANYBODY can buy a Yaesu. Only the privileged few get to own an Atlas. I keep hoping my brother will eventually get this concept, since I got my first Atlas from him.

Anyway, it's OK to hire somebody to fix your Atlas (or anything else), and it's even better to support the people who DO fix them.

73

Jim N6OTQ

group owner

--- On Tue, 8/23/11, MIKE DURKIN <Patriot121@...> wrote:

> From: MIKE DURKIN <Patriot121@...>

>

> Don't have any tools for working on

> it yourself?

>

> KC7NOA

> Atlas_350XL_@yahoogroups.com

>

> To: atlas_radio@yahoogroups.com

> From: himself@...

> Date: Tue, 23 Aug 2011 13:05:06 -0400

> Subject: [atlas_radio] 350-xl

>

>

>

> Hello to all on the group

>

>

> Wondering if anyone could recommend a repair

> person/business to get my 350-xl fixed. It appears to

> be a problem with the power Amp., but I am not 100% sure.

>

> Thanks and 73

>

> Ed (KB3TOX)

[Non-text portions of this message have been removed]

732. Re: [atlas_radio] 350-xl

Yahoo group: atlas_radio
Date: 2011-08-23 20:35:56 UTC
From: Bill Cromwell
Topic: 728 Message: 732

Hi Ed,
I am not in the regular business of repairing radios any more. However, I am retired and I have the time along with some experience and interest. If you don't find a commercial shop to help you out let me know and we'll see if I can do you any good. I promise I won't restuff it with an SDR!

73,
Bill KU8H
--- On Tue, 8/23/11, Ed Haggerty <himself@...m> wrote:

From: Ed Haggerty <himself@...>
Subject: [atlas_radio] 350-xl
To: atlas_radio@yahoogroups.com
Date: Tuesday, August 23, 2011, 1:05 PM

Hello to all on the group

Wondering if anyone could recommend a repair person/business to get my 350-xl fixed. It appears to be a problem with the power Amp., but I am not 100% sure.

Thanks and 73

Ed (KB3TOX)

[Non-text portions of this message have been removed]

733. Re: [atlas_radio] 350-xl

Yahoo group: atlas_radio
Date: 2011-08-23 23:07:59 UTC
From: Mike Williamson
Topic: 728 Message: 733

Ed,

There are a couple of folks that I know of that can work on Atlas gear. One is Rick Janick, who will generally work on any Swan and Cubic solid state gear. I have known him to work on an Atlas 210X. I do not have a good E-Mail address for him. Maybe one of the other guys has a valid E-Mail address for you. If nobody has Rick's E-Mail, I know some other folks that might have and I can try and get the right one.

The other fellow is in Colorado Springs and I referred a gentleman to him to repair his Atlas 180. I checked back with the gentleman who owned the 180 and he was happy with the repair. The E-Mail address I have for him is:

Mike Alexander n0bxe [forms@affordableradiorepair.com]

This was from 2010. If you can, check the drive level into the power amp. It is a RCA phono jack that goes through the back wall into the P.A. compartment. The two big troublemakers in this radio are the driver and the PA.

73,
Mike
KA5DVR

From: Ed Haggerty <himself@...>
To: atlas_radio@yahoogroups.com
Sent: Tuesday, August 23, 2011 11:05 AM
Subject: [atlas_radio] 350-xl

Hello to all on the group

Wondering if anyone could recommend a repair person/business to get my 350-xl fixed. It appears to be a problem with the power Amp., but I am not 100% sure.

Thanks and 73

Ed (KB3TOX)

[Non-text portions of this message have been removed]

734. Re: [atlas_radio] 350-xl

Yahoo group: atlas_radio
Date: 2011-08-24 02:27:57 UTC
From: Neil Sundal
Topic: 728 Message: 734

Rick Jacinth (N6OK) E-mail address is rnjacinth@...

--- On Tue, 8/23/11, Mike Williamson <rvd151a0k0@...> wrote:

From: Mike Williamson <rvd151a0k0@...>
Subject: Re: [atlas_radio] 350-xl
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Date: Tuesday, August 23, 2011, 7:07 PM

Ed,

There are a couple of folks that I know of that can work on Atlas gear. One is Rick Janick, who will generally work on any Swan and Cubic solid state gear. I have known him to work on an Atlas 210X. I do not have a good E-Mail address for him. Maybe one of the other guys has a valid E-Mail address for you. If nobody has Rick's E-Mail, I know some other folks that might have and I can try and get the right one.

The other fellow is in Colorado Springs and I referred a gentleman to him to repair his Atlas 180. I checked back with the gentleman who owned the 180 and he was happy with the repair. The E-Mail address I have for him is:

Mike Alexander n0bxe [forms@affordableradiorepair.com]

This was from 2010. If you can, check the drive level into the power amp. It is a RCA phono jack that goes through the back wall into the P.A. compartment. The two big troublemakers in this radio are the driver and the PA.

73,

Mike

KA5DVR

From: Ed Haggerty <himself@...>

To: atlas_radio@yahoogroups.com

Sent: Tuesday, August 23, 2011 11:05 AM

Subject: [atlas_radio] 350-xl

Hello to all on the group

Wondering if anyone could recommend a repair person/business to get my 350-xl fixed. It appears to be a problem with the power Amp., but I am not 100% sure.

Thanks and 73

Ed (KB3TOX)

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

735. Selling My 210 X

Yahoo group: atlas_radio
Date: 2011-08-24 12:38:51 UTC
From: wd5iky
Topic: 735 Message: 735

Need to lighten the load in the shack. Selling my 210X and matching AC power supply. Rick Jacinth went through the radio 2 years ago. Putting out 100 watts on 20-meters and getting good reports.
Cosmetically I'd say both power supply and radio are 8.5 +
Only known problem is with the power supply. Voltages check out but when put under load (turning on rig), no power.
See pictures in Atlas in Mexico album in the Photos section. Original manual.

$200.00 plus shipping O.B.O.

Will be back in Texas first two weeks of September and will be shipping from there.

Thanks and 73,

Duncan
XE1/WD5IKY
San Miguel de Allende, GTO, Mexico

736. Re: [atlas_radio] Selling My 210 X

Yahoo group: atlas_radio
Date: 2011-08-24 13:24:22 UTC
From: Jim
Topic: 735 Message: 736

A note from the group owner ...

This looks like a reasonably priced 210X. I am not familiar with this particular rig, but the power supply glitch would be easy enough to fix.

Somebody may get a sweet deal here.

Jim N6OTQ

--- On Wed, 8/24/11, wd5iky <wd5iky@...> wrote:

> From: wd5iky <wd5iky@...>
> Subject: [atlas_radio] Selling My 210 X
> To: atlas_radio@yahoogroups.com
> Date: Wednesday, August 24, 2011, 7:38 AM
> Need to lighten the load in the
> shack. Selling my 210X and matching AC power supply. Rick
> Jacinth went through the radio 2 years ago. Putting out 100
> watts on 20-meters and getting good reports.
> Cosmetically I'd say both power supply and radio are 8.5 +
> Only known problem is with the power supply. Voltages check
> out but when put under load (turning on rig), no power.
> See pictures in Atlas in Mexico album in the Photos
> section. Original manual.
>
> $200.00 plus shipping O.B.O.
>
> Will be back in Texas first two weeks of September and will
> be shipping from there.
>
> Thanks and 73,
>
> Duncan
> XE1/WD5IKY
> San Miguel de Allende, GTO, Mexico
>

737. Re: [atlas_radio] Selling My 210 X

Yahoo group: atlas_radio
Date: 2011-08-25 01:59:10 UTC
From: Bill Cromwell
Topic: 735 Message: 737

Hi,
It was a temptation for me. The ad came out in the wrong part of my cash flow or I would have jumped all over it. Something like that could park right beside my 180.

73,
Bill KU8H
--- On Wed, 8/24/11, Jim <n6otq@yahoo.com> wrote:

From: Jim <n6otq@...>
Subject: Re: [atlas_radio] Selling My 210 X
To: atlas_radio@yahoogroups.com
Date: Wednesday, August 24, 2011, 9:24 AM

A note from the group owner ...

This looks like a reasonably priced 210X. I am not familiar with this particular rig, but the power supply glitch would be easy enough to fix.

Somebody may get a sweet deal here.

Jim N6OTQ

[Non-text portions of this message have been removed]

738. Re: [atlas_radio] Selling My 210 X

Yahoo group: atlas_radio
Date: 2011-08-25 02:10:16 UTC
From: Jim
Topic: 735 Message: 738

Well, I've got three of 'em right now ... otherwise... "me too!"

Jim N6OTQ

--- On Wed, 8/24/11, Bill Cromwell <w_r_cromwell@...> wrote:

> From: Bill Cromwell <w_r_cromwell@...>
> Subject: Re: [atlas_radio] Selling My 210 X
> To: atlas_radio@yahoogroups.com
> Date: Wednesday, August 24, 2011, 8:59 PM
> Hi,
> It was a temptation for me. The ad came out in the wrong
> part of my cash flow or I would have jumped all over it.
> Something like that could park right beside my 180.
>
> 73,
> Bill KU8H
> --- On Wed, 8/24/11, Jim <n6otq@...>
> wrote:
>
> From: Jim <n6otq@yahoo.com>
> Subject: Re: [atlas_radio] Selling My 210 X
> To: atlas_radio@yahoogroups.com
> Date: Wednesday, August 24, 2011, 9:24 AM
>
>
>
>   A note from the group owner ...
>
>
>
> This looks like a reasonably priced 210X. I am not
> familiar with this particular rig, but the power supply
> glitch would be easy enough to fix.
>
>
>
> Somebody may get a sweet deal here.
>
> Jim N6OTQ
>
>

739. Re: Selling My 210 X

Yahoo group: atlas_radio
Date: 2011-08-27 11:13:15 UTC
From: wd5iky
Topic: 735 Message: 739

Interesting how things go...exactly one year ago I put this rig up for sale. Only difference, at that time, (not having a handle on what the going price was) I put it up with "make me an offer".
Not one reply!
This time I list it at $200 (which is what I would have taken a year ago) and a half-dozen replies and e-mails and one with "Somebody may get a sweet deal here."
Guess it's just timing, paying attention and a willingness to make an offer.
Anyway, the rig has found a home (thanks Mike) and thanks to all who did reply and inquire.

73,
Duncan
XE1/WD5IKY
San Miguel de Allende, Guanajuato, Mexico

740. Re: [atlas_radio] Re: Selling My 210 X

Yahoo group: atlas_radio
Date: 2011-08-27 12:38:13 UTC
From: Bill Cromwell
Topic: 735 Message: 740

Hi,
Listing anything for sale whether it's online or sitting out in front of your house with a sign on it (or any other means) is just like fishing. You can cut bait and cast your line into the water but if there is no hungry fish nearby - nothing.

I'm glad it found a new home and that all the messages were encouraging.
73,
Bill KU8H
--- On Sat, 8/27/11, wd5iky <wd5iky@...> wrote:

From: wd5iky <wd5iky@...>
Subject: [atlas_radio] Re: Selling My 210 X
To: atlas_radio@yahoogroups.com
Date: Saturday, August 27, 2011, 7:13 AM

Interesting how things go...exactly one year ago I put this rig up for sale. Only difference, at that time, (not having a handle on what the going price was) I put it up with "make me an offer".

Not one reply!

This time I list it at $200 (which is what I would have taken a year ago) and a half-dozen replies and e-mails and one with "Somebody may get a sweet deal here."

Guess it's just timing, paying attention and a willingness to make an offer.

Anyway, the rig has found a home (thanks Mike) and thanks to all who did reply and inquire.

73,

Duncan

XE1/WD5IKY

San Miguel de Allende, Guanajuato, Mexico

[Non-text portions of this message have been removed]

741. Atlas radio

Yahoo group: atlas_radio
Date: 2011-09-04 22:15:27 UTC
From: JACK BREWER
Topic: 741 Message: 741

Could someone PLEASE HELP ME!! I bought an Atlas from W6CHR Caviness TX , also has a shop in Hugo OK called FTA Electronics.Gave $1200 for the radio. Name is Charles "Chuck" Groome. All phones are now disconnected or unlisted. Cannot reach anyone at numbers I have. Did not receive radio. If anyone has a contact number or knows him please let me know.Does not answer Email. I do know that Chuck was in bad health. WA3VZK 410 378 4269

[Non-text portions of this message have been removed]

742. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2011-09-04 22:21:30 UTC
From: Jim
Topic: 741 Message: 742

Uhh, Jack, if you paid $1200. for a 210, you got majorly ripped off, whether or not you received the rig.

You need to call your district attorney.

Was any part of the deal conducted through the US mail? If yes, then you can also pursue Federal mail fraud charges.

Anything over $500. is a felony in Texas, so this is a major beef here. Since jurisdiction applies both in Texas and in your home state, you can file charges there and have our peeps seek justice here.

BUT -- the FBI doesn't give a rat's whatever, because the monetary amount is less that $25,m000, nobody was murdered, and nobody was kidnapped.

And no wood imported from foreign countries is involved.

Jim N6OTQ
group owner, so I get to talk like this.

--- On Sun, 9/4/11, JACK BREWER <jtelrbrewer@...> wrote:

> From: JACK BREWER <jtelrbrewer@...>
> Subject: [atlas_radio] Atlas radio
> To: atlas_radio@yahoogroups.com
> Date: Sunday, September 4, 2011, 5:15 PM
> Could someone PLEASE HELP ME!! I
> bought an Atlas from W6CHR Caviness TX , also
> has a shop in Hugo OK called FTA Electronics.Gave $1200 for
> the radio. Name is
> Charles "Chuck" Groome. All phones are now disconnected or
> unlisted. Cannot
> reach anyone at numbers I have. Did not receive radio. If
> anyone has a contact
> number or knows him please let me know.Does not answer
> Email. I do know that
> Chuck was in bad health.   WA3VZK 410 378 4269
>
> [Non-text portions of this message have been removed]
>
> cv

743. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2011-09-04 22:30:10 UTC
From: JACK BREWER
Topic: 741 Message: 743

Was not a model 210, thanks for your advice but really need a phone number or some way to contact him or his family , just in case or the worst. silent key , etc

---
From: Jim <n6otq@yahoo.com>
To: atlas_radio@yahoogroups.com
Sent: Sun, September 4, 2011 6:21:30 PM
Subject: Re: [atlas_radio] Atlas radio

Uhh, Jack, if you paid $1200. for a 210, you got majorly ripped off, whether or not you received the rig.

You need to call your district attorney.

Was any part of the deal conducted through the US mail? If yes, then you can also pursue Federal mail fraud charges.

Anything over $500. is a felony in Texas, so this is a major beef here. Since jurisdiction applies both in Texas and in your home state, you can file charges there and have our peeps seek justice here.

BUT -- the FBI doesn't give a rat's whatever, because the monetary amount is less that $25,m000, nobody was murdered, and nobody was kidnapped.

And no wood imported from foreign countries is involved.

Jim N6OTQ
group owner, so I get to talk like this.

--- On Sun, 9/4/11, JACK BREWER <jtelrbrewer@verizon.net> wrote:

> From: JACK BREWER <jtelrbrewer@...>
> Subject: [atlas_radio] Atlas radio
> To: atlas_radio@yahoogroups.com
> Date: Sunday, September 4, 2011, 5:15 PM
> Could someone PLEASE HELP ME!! I
> bought an Atlas from W6CHR Caviness TX , also
> has a shop in Hugo OK called FTA Electronics.Gave $1200 for
> the radio. Name is
> Charles "Chuck" Groome. All phones are now disconnected or
> unlisted. Cannot
> reach anyone at numbers I have. Did not receive radio. If
> anyone has a contact
> number or knows him please let me know.Does not answer
> Email. I do know that
> Chuck was in bad health.   WA3VZK 410 378 4269

>
> [Non-text portions of this message have been removed]
>
> cv

[Non-text portions of this message have been removed]

744. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2011-09-04 22:48:00 UTC
From: MIKE DURKIN
Topic: 741 Message: 744

Sorry dude ... I had a run in with him several months ago .... sold him a 180 ... my listing was for Paypal only (alwas has been) he tried to get a grievance and refund the day after I sent it inthe mail and sent him email of that action ... he has been sued by some larger cable company for modifying cable boxes - and lost his shirt.

This is what I have ...

hugotv has sent a question about item #140455116430, that 180 100W -But with no case ... m/ tomorrow via priority please send to chuckgroome@... as my email isnt working right. chuck -hugot

I think you got roped off .... he also a business in MISSOURI too .. just across the boarded ..

KC7NOA

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@...
Date: Sun, 4 Sep 2011 15:15:27 -0700
Subject: [atlas_radio] Atlas radio

Could someone PLEASE HELP ME!! I bought an Atlas from W6CHR Caviness TX , also

has a shop in Hugo OK called FTA Electronics.Gave $1200 for the radio. Name is

Charles "Chuck" Groome. All phones are now disconnected or unlisted. Cannot

reach anyone at numbers I have. Did not receive radio. If anyone has a contact

number or knows him please let me know.Does not answer Email. I do know that

Chuck was in bad health. WA3VZK 410 378 4269

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[Non-text portions of this message have been removed]

745. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2011-09-04 22:53:24 UTC
From: Jack Griffin
Topic: 741 Message: 745

Regarding use of the mail in this case. If anything was done thru the US mail, the place to go is the Postal Inspection Service. (You can get them on-line.) These folks are better than the FBI and take things like this very seriously. I had someone take my USPS MO thru the mail and not send me the item. Cost was only about $70.00. The Postal Inspectors met the guy at the local sheriff's office and had a talk with him, I received the item within a week, after two months of being given the run-around.
Good Luck, Jack

--- On Sun, 9/4/11, JACK BREWER <jtelrbrewer@...> wrote:

From: JACK BREWER <jtelrbrewer@...>
Subject: Re: [atlas_radio] Atlas radio
To: atlas_radio@yahoogroups.com
Date: Sunday, September 4, 2011, 6:30 PM

Was not a model 210, thanks for your advice but really need a phone number or

some way to contact him or his family , just in case or the worst. silent key ,

etc

_____

From: Jim <n6otq@...>

To: atlas_radio@yahoogroups.com

Sent: Sun, September 4, 2011 6:21:30 PM

Subject: Re: [atlas_radio] Atlas radio

Uhh, Jack, if you paid $1200. for a 210, you got majorly ripped off, whether or

not you received the rig.

You need to call your district attorney.

Was any part of the deal conducted through the US mail? If yes, then you can

also pursue Federal mail fraud charges.

Anything over $500. is a felony in Texas, so this is a major beef here. Since

jurisdiction applies both in Texas and in your home state, you can file charges

there and have our peeps seek justice here.

BUT -- the FBI doesn't give a rat's whatever, because the monetary amount is

less that $25,m000, nobody was murdered, and nobody was kidnapped.

And no wood imported from foreign countries is involved.

Jim N6OTQ

group owner, so I get to talk like this.

--- On Sun, 9/4/11, JACK BREWER <jtelrbrewer@...> wrote:

> From: JACK BREWER <jtelrbrewer@...>

> Subject: [atlas_radio] Atlas radio

> To: atlas_radio@yahoogroups.com

> Date: Sunday, September 4, 2011, 5:15 PM

> Could someone PLEASE HELP ME!! I

> bought an Atlas from W6CHR Caviness TX , also

> has a shop in Hugo OK called FTA Electronics.Gave $1200 for

> the radio. Name is

> Charles "Chuck" Groome. All phones are now disconnected or

> unlisted. Cannot

> reach anyone at numbers I have. Did not receive radio. If

> anyone has a contact

> number or knows him please let me know.Does not answer

> Email. I do know that

> Chuck was in bad health.   WA3VZK 410 378 4269

>

> [Non-text portions of this message have been removed]

>

> cv

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[Non-text portions of this message have been removed]

746. A note about Jack WA3VZK's problem

Yahoo group: atlas_radio
Date: 2011-09-04 23:39:56 UTC
From: n6otq
Topic: 746 Message: 746

SPECIAL NOTICE from the group owner
==========

All,

If you will get out your ARRL Handbook and look in the front, there is a page titled "The Amateur's Code."

The first entry is:

"The Radio Amateur is:

"CONSIDERATE ... never knowingly operates in such a way as to lessen the pleasure of others."

At the end, it says:

"The original Amateur's Code was written by Paul M. Segal, W9EEA, in 1928."

In my mind, "operates" includes not only on-air operations but also the transactions in which fellow hams exchange radio gear.

I just got off the phone with Jack WA3VZK, and it appears that he has a wide variety of options for prosecution in this matter, and Federal jurisdiction may apply as well as state jurisdiction. Jack and I discussed a number of these options that he was not aware of. It also appears that the amateur radio operator who sold him the radio is a repeat offender in this sort of thing.

If you'll take a moment today to review both The Amateur's Code and the terms of your US amateur radio license, you'll see that this alleged action by the perpetrator is contrary to both. If prosecutable, it's also state felony fraud and interstate mail fraud. The Amateur's Code predates the Federal Communications Act of 1933, and probably most state fraud laws as well.

It is my most fervent wish that the offender be brought to justice and be made to pay full restitution to Jack, under all circumstances. Additionally, if found guilty of fraud, I believe that the alleged perp needs to lose his amateur license for life, and needs to be sent to jail for the felony apparently committed, under the jurisdiction of the state that can mete the most serious penalty for where the crime was committed -- Maryland, Oklahoma, or Texas.

Since I am in Texas, if I had my druthers, the perp would go to the Walls Unit at Huntsville, TX. That's the kind of prison that every state needs one of. You should google it and look at the pictures of its eponymous walls.

A man goes to The Walls, he knows he's gone to prison. A man goes to San Quentin, he just thinks he's gone to a Johnny Cash song.

Anyway, let's all wish that Jack's experience turns out OK, and he at least gets all his money back. If you're of the prayerful sort, please put in a good word for Jack.

And a good word for those folks in law enforcement who can help make Jack whole again.

73
Jim N6OTQ
group owner

747. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2011-09-05 01:23:17 UTC
From: MIKE DURKIN
Topic: 741 Message: 747

I forgort that I had some of this information...

Gale Dale hugotv (hugo_ok_tv@...) [contact buyer] Buyer's shipping address: Hugo Tv 1401 E Jackson St Hugo, OK 74743 United States

I have 1 other email address still to come

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@...
Date: Sun, 4 Sep 2011 15:15:27 -0700
Subject: [atlas_radio] Atlas radio

Could someone PLEASE HELP ME!! I bought an Atlas from W6CHR Caviness TX , also

has a shop in Hugo OK called FTA Electronics.Gave $1200 for the radio. Name is

Charles "Chuck" Groome. All phones are now disconnected or unlisted. Cannot

reach anyone at numbers I have. Did not receive radio. If anyone has a contact

number or knows him please let me know.Does not answer Email. I do know that

Chuck was in bad health. WA3VZK 410 378 4269

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[Non-text portions of this message have been removed]

748. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2011-09-06 00:01:35 UTC
From: JACK BREWER
Topic: 741 Message: 748

Thank You any info helps, Jack

From: MIKE DURKIN <Patriot121@...>
To: atlas_radio@yahoogroups.com
Sent: Sun, September 4, 2011 9:23:17 PM
Subject: RE: [atlas_radio] Atlas radio

I forgort that I had some of this information...

Gale Dale hugotv (hugo_ok_tv@live.com) [contact buyer] Buyer's shipping address:
Hugo Tv 1401 E Jackson St Hugo, OK 74743 United States

I have 1 other email address still to come

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@...
Date: Sun, 4 Sep 2011 15:15:27 -0700
Subject: [atlas_radio] Atlas radio

Could someone PLEASE HELP ME!! I bought an Atlas from W6CHR Caviness TX ,
also

has a shop in Hugo OK called FTA Electronics.Gave $1200 for the radio. Name is

Charles "Chuck" Groome. All phones are now disconnected or unlisted. Cannot

reach anyone at numbers I have. Did not receive radio. If anyone has a contact

number or knows him please let me know.Does not answer Email. I do know that

Chuck was in bad health. WA3VZK 410 378 4269

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Yahoo! Groups Links

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749. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2011-09-29 00:07:05 UTC
From: JACK BREWER
Topic: 741 Message: 749

Mike Durkin: Do you have the name of the business Chuck Groome has in Missouri and adress?
Jack WA3VZK

From: MIKE DURKIN <Patriot121@...>
To: atlas_radio@yahoogroups.com
Sent: Sunday, September 4, 2011 6:48 PM
Subject: RE: [atlas_radio] Atlas radio

Sorry dude ... I had a run in with him several months ago .... sold him a 180 ... my listing was for Paypal only (alwas has been) he tried to get a grievance and refund the day after I sent it inthe mail and sent him email of that action ... he has been sued by some larger cable company for modifying cable boxes - and lost his shirt.

This is what I have ...

hugotv has sent a question about item #140455116430, that 180 100W -But with no case ... m/ tomorrow via priority please send to chuckgroome@... as my email isnt working right. chuck -hugot

I think you got roped off .... he also a business in MISSOURI too .. just across the boarded ..

KC7NOA

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@...
Date: Sun, 4 Sep 2011 15:15:27 -0700
Subject: [atlas_radio] Atlas radio

Could someone PLEASE HELP ME!! I bought an Atlas from W6CHR Caviness TX , also

has a shop in Hugo OK called FTA Electronics.Gave $1200 for the radio. Name is

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reach anyone at numbers I have. Did not receive radio. If anyone has a contact

number or knows him please let me know.Does not answer Email. I do know that

Chuck was in bad health.   WA3VZK 410 378 4269

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Yahoo! Groups Links

[Non-text portions of this message have been removed]

750. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2011-09-29 01:01:01 UTC
From: MIKE DURKIN
Topic: 741 Message: 750

Sure ... it was the address he had me ship it to ..

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@...
Date: Wed, 28 Sep 2011 17:07:05 -0700
Subject: Re: [atlas_radio] Atlas radio

Mike Durkin: Do you have the name of the business Chuck Groome has in Missouri and adress?
Jack WA3VZK

From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Sunday, September 4, 2011 6:48 PM

Subject: RE: [atlas_radio] Atlas radio

Sorry dude ... I had a run in with him several months ago .... sold him a 180 ... my listing was for Paypal only (alwas has been) he tried to get a grievance and refund the day after I sent it inthe mail and sent him email of that action ... he has been sued by some larger cable company for modifying cable boxes - and lost his shirt.

This is what I have ...

hugotv has sent a question about item #140455116430, that 180 100W -But with no case ... m/ tomorrow via priority please send to chuckgroome@aol.com as my email isnt working right. chuck -hugot

I think you got roped off .... he also a business in MISSOURI too .. just across the boarded ..

KC7NOA

To: atlas_radio@yahoogroups.com

From: jtelrbrewer@...

Date: Sun, 4 Sep 2011 15:15:27 -0700

Subject: [atlas_radio] Atlas radio

Could someone PLEASE HELP ME!! I bought an Atlas from W6CHR Caviness TX , also

has a shop in Hugo OK called FTA Electronics.Gave $1200 for the radio. Name is

Charles "Chuck" Groome. All phones are now disconnected or unlisted. Cannot

reach anyone at numbers I have. Did not receive radio. If anyone has a contact number or knows him please let me know.Does not answer Email. I do know that Chuck was in bad health. WA3VZK 410 378 4269

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[Non-text portions of this message have been removed]

Yahoo! Groups Links

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[Non-text portions of this message have been removed]

751. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2011-09-29 02:32:13 UTC
From: MIKE DURKIN
Topic: 741 Message: 751

I don't think my memory is slipping that much .... id swear I found another business with the same address as this ....

Hugo Tv 1401 E Jackson St Hugo, OK 74743 United States

Then found a diferent address ... for it. (not HugoTv- but its online page had the same pic of the business as HugoTv) Its been a while sine I thought I might go to cort with him ...

Hope you didn't already have that address ... ill keep looking tomorrow ... I found the other address from a law suit filed against them ... (memory of corse

> To: atlas_radio@yahoogroups.com
> From: Patriot121@...
> Date: Wed, 28 Sep 2011 18:01:01 -0700
> Subject: RE: [atlas_radio] Atlas radio
>
> Sure ... it was the address he had me ship it to ..
>
> To: atlas_radio@yahoogroups.com
> From: jtelrbrewer@...
> Date: Wed, 28 Sep 2011 17:07:05 -0700
> Subject: Re: [atlas_radio] Atlas radio
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> Mike Durkin: Do you have the name of the business Chuck Groome has in Missouri and adress? Jack WA3VZK
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>
>
> _____
>
> From: MIKE DURKIN <Patriot121@...>
>
> To: atlas_radio@yahoogroups.com
>
> Sent: Sunday, September 4, 2011 6:48 PM
>
> Subject: RE: [atlas_radio] Atlas radio
>
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>
> Sorry dude ... I had a run in with him several months ago .... sold him a 180 ... my listing was for Paypal only (alwas has been) he tried to get a grievance and refund the day after I sent it inthe mail and sent him email of that action ... he has been sued by some larger cable company for modifying cable boxes - and lost his shirt.
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> This is what I have ...
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> hugotv has sent a question about item #140455116430, that 180 100W -But with no case ... m/ tomorrow via priority please send to chuckgroome@... as my email isnt working right. chuck -hugot
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> I think you got roped off .... he also a business in MISSOURI too .. just across the boarded ..
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> KC7NOA
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> To: atlas_radio@yahoogroups.com
>
> From: jtelrbrewer@...
>
> Date: Sun, 4 Sep 2011 15:15:27 -0700
>

> Subject: [atlas_radio] Atlas radio
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> Could someone PLEASE HELP ME!! I bought an Atlas from W6CHR Caviness TX , also
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> has a shop in Hugo OK called FTA Electronics.Gave $1200 for the radio. Name is
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> Charles "Chuck" Groome. All phones are now disconnected or unlisted. Cannot
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> reach anyone at numbers I have. Did not receive radio. If anyone has a contact
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> number or knows him please let me know.Does not answer Email. I do know that
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> Chuck was in bad health. WA3VZK 410 378 4269
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752. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2011-09-29 02:53:36 UTC
From: MIKE DURKIN
Topic: 741 Message: 752

.... getting close ..

FTA electronics .. memory serves that that's the entity that got sued and lost.

Wow ...now one of his emails is making more sense to me ... Gingers Grooming is located at the same assess too ...

Well I don't see the suit .... hope I saved it somewhere ..

To: atlas_radio@yahoogroups.com
From: Patriot121@...
Date: Wed, 28 Sep 2011 19:32:13 -0700
Subject: RE: [atlas_radio] Atlas radio

I don't think my memory is slipping that much .... id swear I found another business with the same address as this ....

Hugo Tv 1401 E Jackson St Hugo, OK 74743 United States

Then found a diferent address ... for it. (not HugoTv- but its online page had the same pic of the business as HugoTv) Its been a while sine I thought I might go to cort with him ...

Hope you didn't already have that address ... ill keep looking tomorrow ... I found the other address from a law suit filed against them ... (memory of corse

> To: atlas_radio@yahoogroups.com

> From: Patriot121@...

> Date: Wed, 28 Sep 2011 18:01:01 -0700

> Subject: RE: [atlas_radio] Atlas radio

>

> Sure ... it was the address he had me ship it to ..

>

> To: atlas_radio@yahoogroups.com

> From: jtelrbrewer@...

> Date: Wed, 28 Sep 2011 17:07:05 -0700

> Subject: Re: [atlas_radio] Atlas radio

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> Mike Durkin: Do you have the name of the business Chuck Groome has in Missouri and adress? Jack WA3VZK

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> _____

>

> From: MIKE DURKIN <Patriot121@...>

>

> To: atlas_radio@yahoogroups.com

>

> Sent: Sunday, September 4, 2011 6:48 PM

>

> Subject: RE: [atlas_radio] Atlas radio

>

>

>

> Sorry dude ... I had a run in with him several months ago .... sold him a 180 ... my listing was for Paypal only (alwas has been) he tried to get a grievance and refund the day after I sent it inthe mail and sent him email of that action ... he has been sued by some larger cable company for modifying cable boxes - and lost his shirt.

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> This is what I have ...

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> hugotv has sent a question about item #140455116430, that 180 100W -But with no case ... m/ tomorrow via priority please send to chuckgroome@... as my email isnt working right. chuck -hugot

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> I think you got roped off .... he also a business in MISSOURI too .. just across the boarded ..

>

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> KC7NOA

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> To: atlas_radio@yahoogroups.com

>

> From: jtelrbrewer@verizon.net

>

> Date: Sun, 4 Sep 2011 15:15:27 -0700

>

> Subject: [atlas_radio] Atlas radio

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> Could someone PLEASE HELP ME!! I bought an Atlas from W6CHR Caviness TX , also

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> has a shop in Hugo OK called FTA Electronics.Gave $1200 for the radio. Name is

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> Charles "Chuck" Groome. All phones are now disconnected or unlisted. Cannot

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> reach anyone at numbers I have. Did not receive radio. If anyone has a contact

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> number or knows him please let me know.Does not answer Email. I do know that

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> Chuck was in bad health. WA3VZK 410 378 4269

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753. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2011-09-30 22:01:02 UTC
From: JACK BREWER
Topic: 741 Message: 753

Yes I have that adress.The other company name he uses that I wrote the check to was F.T.A. Electronics. Does that do anything to your memory. Was that the name of the MO business? Thanks, Jack

---

From: MIKE DURKIN <Patriot121@...>
To: atlas_radio@yahoogroups.com
Sent: Wednesday, September 28, 2011 10:32 PM
Subject: RE: [atlas_radio] Atlas radio

I don't think my memory is slipping that much .... id swear I found another business with the same address as this ....

Hugo Tv 1401 E Jackson St Hugo, OK 74743 United States

Then found a diferent address ... for it. (not HugoTv- but its online page had the same pic of the business as HugoTv) Its been a while sine I thought I might go to cort with him ...

Hope you didn't already have that address ... ill keep looking tomorrow ... I found the other address from a law suit filed against them ... (memory of corse

> To: atlas_radio@yahoogroups.com
> From: Patriot121@msn.com
> Date: Wed, 28 Sep 2011 18:01:01 -0700
> Subject: RE: [atlas_radio] Atlas radio
>
> Sure ... it was the address he had me ship it to ..
>
> To: atlas_radio@yahoogroups.com
> From: jtelrbrewer@...
> Date: Wed, 28 Sep 2011 17:07:05 -0700
> Subject: Re: [atlas_radio] Atlas radio
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> Mike Durkin: Do you have the name of the business Chuck Groome has in Missouri and adress? Jack WA3VZK
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> _____
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> From: MIKE DURKIN <Patriot121@...>
>
> To: atlas_radio@yahoogroups.com
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> Sent: Sunday, September 4, 2011 6:48 PM
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> Subject: RE: [atlas_radio] Atlas radio
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> Sorry dude ... I had a run in with him several months ago .... sold him a 180 ... my listing was for Paypal only (alwas has been) he tried to get a grievance and refund the day after I sent it inthe mail and sent him email of that action ... he has been sued by some larger cable company for modifying cable boxes - and lost his shirt.
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> Could someone PLEASE HELP ME!! I bought an Atlas from W6CHR Caviness TX , also
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> has a shop in Hugo OK called FTA Electronics.Gave $1200 for the radio. Name is
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> Charles "Chuck" Groome. All phones are now disconnected or unlisted. Cannot
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> reach anyone at numbers I have. Did not receive radio. If anyone has a contact
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> Chuck was in bad health. WA3VZK 410 378 4269
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754. Introduction and Help

Yahoo group: atlas_radio
Date: 2011-10-21 23:04:30 UTC
From: Stephen West-Fisher
Topic: 754 Message: 754

Hi,

My name is Steve and I've had an Atlas 210x since the mid '80s, it was my first multi-band HF radio. After migrating more into AMTOR I ended up with an ICOM 735, and now use a Kenwood TS-480 for various digital HF modes. About the only time I use a microphone on HF is the local ARES nets.

The other day the old Atlas caught my eye so I decided to bring it back in service. At first I thought my microphone was bad, but plugging it into he back (not using the console) it worked. So this evening I have spent hours (disconnecting PO mods, disconnecting the VOX, etc.) only to find out that I was just not pushing in and seating the radio properly L So now I get to hook everything back up!

Now to the problem. I pretty much have to have the mic gain all the way up with my old 404c to get appropriate power out, and almost all the way up to get the proper power with a key. Is this correct or pointing to something that needs tuning? If tuning, could someone give me a few clues? I do have the service manual, and I can build stuff but don't really understand the internals of commercial radios.

--

Stephen West-Fisher

N4IK

[Non-text portions of this message have been removed]

755. Re: [atlas_radio] Introduction and Help

Yahoo group: atlas_radio
Date: 2011-10-21 23:15:06 UTC
From: Jim
Topic: 754 Message: 755

Well, one point ... the mic gain control is for RF, and applies to CW as well. If you want 100 watts out on CW, turn the mic gain pot to "11"

Depending on EQ and impedance match, on voice you may have to turn the mic gain way up to get a decent signal AND audio. On-air signal reporting helps, and you'll need to get to arm-chair copy before you can start tweaking here. But you shouldn't need to blast the gain on the mic's built-in preamp -- if there is one -- to get 100W PEP on voice. Half way or 3/4 on the mic gain should give plenty of power out.

If the mic has an anemic cartridge or just won't work and play well with an Atlas, then an EQ box should help.

The ideal hook-up is to have a dynamic mic that you just plug in any-old-where on the radio or console and it WORKS. And a studio-grade mic in the shack that sounds maahh-velous on the air, but you can't take it with you on the road.

Does this open up any new ideas?

Jim N6OTQ

>_____
>From: Stephen West-Fisher <steve@coastaldatasystems.com>
>To: atlas_radio@yahoogroups.com
>Sent: Friday, October 21, 2011 6:04 PM
>Subject: [atlas_radio] Introduction and Help
>
>Hi,
>
>My name is Steve and I've had an Atlas 210x since the mid '80s, it was my
>first multi-band HF radio. After migrating more into AMTOR I ended up with
>an ICOM 735, and now use a Kenwood TS-480 for various digital HF modes.
>About the only time I use a microphone on HF is the local ARES nets.
>
>
>
>The other day the old Atlas caught my eye so I decided to bring it back in
>service. At first I thought my microphone was bad, but plugging it into he
>back (not using the console) it worked. So this evening I have spent hours
>(disconnecting PO mods, disconnecting the VOX, etc.) only to find out that I
>was just not pushing in and seating the radio properly L So now I get to
>hook everything back up!
>
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>
>Now to the problem. I pretty much have to have the mic gain all the way up
>with my old 404c to get appropriate power out, and almost all the way up to

>get the proper power with a key. Is this correct or pointing to something
>that needs tuning? If tuning, could someone give me a few clues? I do have
>the service manual, and I can build stuff but don't really understand the
>internals of commercial radios.
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>Stephen West-Fisher
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756. RE: [atlas_radio] Introduction and Help

Yahoo group: atlas_radio
Date: 2011-10-27 12:40:00 UTC
From: Stephen West-Fisher
Topic: 754 Message: 756

I did wire up my desk mic and it seems a little better (Shure 444D - can you tell I like old stuff?). I think I'm going to have to go all through the radio and just check everything out. Just as soon as I finish my current HPSDR project.

--

Stephen West-Fisher

N4IK

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com] On Behalf Of Jim
Sent: Friday, October 21, 2011 7:15 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Introduction and Help

Well, one point ... the mic gain control is for RF, and applies to CW as well. If you want 100 watts out on CW, turn the mic gain pot to "11"

Depending on EQ and impedance match, on voice you may have to turn the mic gain way up to get a decent signal AND audio. On-air signal reporting helps, and you'll need to get to arm-chair copy before you can start tweaking here. But you shouldn't need to blast the gain on the mic's built-in preamp -- if there is one -- to get 100W PEP on voice. Half way or 3/4 on the mic gain should give plenty of power out.

If the mic has an anemic cartridge or just won't work and play well with an Atlas, then an EQ box should help.

The ideal hook-up is to have a dynamic mic that you just plug in any-old-where on the radio or console and it WORKS. And a studio-grade mic in the shack that sounds maahh-velous on the air, but you can't take it with you on the road.

Does this open up any new ideas?

Jim N6OTQ

>_____
>From: Stephen West-Fisher <steve@...
<mailto:steve%40coastaldatasystems.com> >
>To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
>Sent: Friday, October 21, 2011 6:04 PM
>Subject: [atlas_radio] Introduction and Help
>
>Hi,
>

>My name is Steve and I've had an Atlas 210x since the mid '80s, it was my
>first multi-band HF radio. After migrating more into AMTOR I ended up with
>an ICOM 735, and now use a Kenwood TS-480 for various digital HF modes.
>About the only time I use a microphone on HF is the local ARES nets.
>
>
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>The other day the old Atlas caught my eye so I decided to bring it back in
>service. At first I thought my microphone was bad, but plugging it into he
>back (not using the console) it worked. So this evening I have spent hours
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I
>was just not pushing in and seating the radio properly L So now I get to
>hook everything back up!
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>Now to the problem. I pretty much have to have the mic gain all the way up
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>get the proper power with a key. Is this correct or pointing to something
>that needs tuning? If tuning, could someone give me a few clues? I do have
>the service manual, and I can build stuff but don't really understand the
>internals of commercial radios.
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>Stephen West-Fisher
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>N4IK
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757. Working on a 210X

Yahoo group: atlas_radio
Date: 2011-12-13 04:58:11 UTC
From: wc0l
Topic: 757 Message: 757

I am trying to fix a 210X that I picked up at the Joplin hamfest. I have it all cleaned up and have applied power. The lights come on and I hear white noise out of the speaker. However, the receiver does not receive anything. I plugged in a digital readout and it appears that turning the tuning knob has no effect on the digital readout. I am assuming that the oscillator has quit working. Has anyone experienced anything like this? Any thoughts are appreciated.

Thanks and 73,
Mike, WC0L

758. Re: [atlas_radio] Working on a 210X

Yahoo group: atlas_radio
Date: 2011-12-13 11:59:21 UTC
From: William Laakkonen
Topic: 757 Message: 758

Mike,

You need to install a jumper to run the Atlas 210X without the DDS counter.
I forget which pins, but without you'll be missing a supply to the
oscillator as I recall, not looking at the schematic or docs at the moment.
HTH.

73 and good luck,

Bill
N4BKT

On Mon, Dec 12, 2011 at 11:58 PM, wc0l <wc0l@...> wrote:

> **
>
>
> I am trying to fix a 210X that I picked up at the Joplin hamfest. I have
> it all cleaned up and have applied power. The lights come on and I hear
> white noise out of the speaker. However, the receiver does not receive
> anything. I plugged in a digital readout and it appears that turning the
> tuning knob has no effect on the digital readout. I am assuming that the
> oscillator has quit working. Has anyone experienced anything like this? Any
> thoughts are appreciated.
>
> Thanks and 73,
> Mike, WC0L
>
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>

[Non-text portions of this message have been removed]

759. Re: [atlas_radio] Working on a 210X

Yahoo group: atlas_radio
Date: 2011-12-13 13:55:36 UTC
From: Jim
Topic: 757 Message: 759

Mike,

As another member mentioned, you need those jumpers on the AUX socket. They are shown in the manual, and on some models they are also marked on the socket on the rear apron.

Jim N6OTQ

>_____
> From: wc0l <wc0l@...>
>To: atlas_radio@yahoogroups.com
>Sent: Monday, December 12, 2011 10:58 PM
>Subject: [atlas_radio] Working on a 210X
>
>I am trying to fix a 210X that I picked up at the Joplin hamfest. I have it all cleaned up and have applied power. The lights come on and I hear white noise out of the speaker. However, the receiver does not receive anything. I plugged in a digital readout and it appears that turning the tuning knob has no effect on the digital readout. I am assuming that the oscillator has quit working. Has anyone experienced anything like this? Any thoughts are appreciated.
>
>Thanks and 73,
>Mike, WC0L
>

[Non-text portions of this message have been removed]

760. Re: Working on a 210X

Yahoo group: atlas_radio
Date: 2011-12-15 03:32:05 UTC
From: wc0l
Topic: 757 Message: 760

Jim and William, thank you for your replies regarding the jumpers. When I got the rig, there were two jumpers installed in the Aux socket. The rig did not work with these installed. I pulled them out when I plugged in the Atlas digital frequency readout box. The frequency readout does show a reading (I don't remember what at the moment), but the reading does not change as I turn the main tuning dial. Anyway, I am thinking there is a fault somewhere in the oscillator section. As soon as I find the time, I plan to measure voltages and see if I can spot the problem. Any other thoughts?

I sure love these rigs. My first one works great. I use it every Sunday afternoon to check into the Swan user's net on 20 meters. I always get great audio reports.

Thanks for your help.
73,
Mike, WC0L

--- In atlas_radio@yahoogroups.com, Jim <n6otq@...> wrote:
>
> Mike,
>
> As another member mentioned, you need those jumpers on the AUX socket. They are shown in the manual, and on some models they are also marked on the socket on the rear apron.
>
> Jim N6OTQ
>
>
>
> >_____
> > From: wc0l <wc0l@...>
> >To: atlas_radio@yahoogroups.com
> >Sent: Monday, December 12, 2011 10:58 PM
> >Subject: [atlas_radio] Working on a 210X
> >
> >I am trying to fix a 210X that I picked up at the Joplin hamfest. I have it all cleaned up and have applied power. The lights come on and I hear white noise out of the speaker. However, the receiver does not receive anything. I plugged in a digital readout and it appears that turning the tuning knob has no effect on the digital readout. I am assuming that the oscillator has quit working. Has anyone experienced anything like this? Any thoughts are appreciated.
> >
> >Thanks and 73,
> >Mike, WC0L
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> [Non-text portions of this message have been removed]
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761. Still Working on a 210X

Yahoo group: atlas_radio
Date: 2011-12-16 01:17:27 UTC
From: wc0l
Topic: 761 Message: 761

Here I am again with another question. In looking at the 210X, I can see 4 ICs that have never been soldered into the boards. They are just pushed into the boards. They appear to be fairly tight, like the board has holes that are smaller than normal, but still, I have never seen such a thing as that before. Is that normal, or did someone forget to solder in the ICs?

Thanks again,

Mike, WC0L

762. RE: [atlas_radio] Still Working on a 210X

Yahoo group: atlas_radio
Date: 2011-12-16 01:21:44 UTC
From: MIKE DURKIN
Topic: 761 Message: 762

That's normal ...

Mike KC7NOA

To: atlas_radio@yahoogroups.com
From: wc0l@...
Date: Fri, 16 Dec 2011 01:17:27 +0000
Subject: [atlas_radio] Still Working on a 210X

Here I am again with another question. In looking at the 210X, I can see 4 ICs that have never been soldered into the boards. They are just pushed into the boards. They appear to be fairly tight, like the board has holes that are smaller than normal, but still, I have never seen such a thing as that before. Is that normal, or did someone forget to solder in the ICs?

Thanks again,

Mike, WC0L

[Non-text portions of this message have been removed]

763. RE: [atlas_radio] Still Working on a 210X

Yahoo group: atlas_radio
Date: 2011-12-16 01:22:42 UTC
From: MIKE DURKIN
Topic: 761 Message: 763

Is the vfo working?

> To: atlas_radio@yahoogroups.com
> From: Patriot121@...
> Date: Thu, 15 Dec 2011 17:21:44 -0800
> Subject: RE: [atlas_radio] Still Working on a 210X
>
> That's normal ...
>
> Mike KC7NOA
>
> To: atlas_radio@yahoogroups.com
> From: wc0l@...
> Date: Fri, 16 Dec 2011 01:17:27 +0000
> Subject: [atlas_radio] Still Working on a 210X
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> Here I am again with another question. In looking at the 210X, I can see 4 ICs that have never been soldered into the boards. They are just pushed into the boards. They appear to be fairly tight, like the board has holes that are smaller than normal, but still, I have never seen such a thing as that before. Is that normal, or did someone forget to solder in the ICs?
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> Thanks again,
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> Mike, WC0L
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764. Re: [atlas_radio] Still Working on a 210X

Yahoo group: atlas_radio
Date: 2011-12-16 01:32:48 UTC
From: Jim
Topic: 761 Message: 764

One of the suggested mods is to remove the ICs and solder a low-profile machine-pin socket into each of these spots, then replace the ICs.

I haven't tried it. Usually just re-seating the ICs will rub enough oxide off of the contacts to make everything nice again.

Jim N6OTQ

>_____
> From: wc0l <wc0l@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, December 15, 2011 7:17 PM
>Subject: [atlas_radio] Still Working on a 210X
>
>Here I am again with another question. In looking at the 210X, I can see 4 ICs that have never been soldered into the boards. They are just pushed into the boards. They appear to be fairly tight, like the board has holes that are smaller than normal, but still, I have never seen such a thing as that before. Is that normal, or did someone forget to solder in the ICs?
>
>Thanks again,
>
>Mike, WC0L
>

[Non-text portions of this message have been removed]

765. Re: Still Working on a 210X

Yahoo group: atlas_radio
Date: 2011-12-18 06:31:45 UTC
From: wc0l
Topic: 761 Message: 765

No, the VFO does not work. The only thing the rig does as of now is that it turns on, lights light up and white noise comes out of the speaker. Turning the VFO knob does nothing.. Any ideas?

Thanks,
Mike, WC0L

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
> Is the vfo working?
>
> > To: atlas_radio@yahoogroups.com
> > From: Patriot121@...
> > Date: Thu, 15 Dec 2011 17:21:44 -0800
> > Subject: RE: [atlas_radio] Still Working on a 210X
> >
> > That's normal ...
> >
> > Mike KC7NOA
> >
> > To: atlas_radio@yahoogroups.com
> > From: wc0l@...
> > Date: Fri, 16 Dec 2011 01:17:27 +0000
> > Subject: [atlas_radio] Still Working on a 210X
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> > Here I am again with another question. In looking at the 210X, I can see 4 ICs that have never been soldered into the boards. They are just pushed into the boards. They appear to be fairly tight, like the board has holes that are smaller than normal, but still, I have never seen such a thing as that before. Is that normal, or did someone forget to solder in the ICs?
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> > Thanks again,
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> > Mike, WC0L
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766. MIc output weak

Yahoo group: atlas_radio
Date: 2011-12-21 02:53:27 UTC
From: ky5thcsa
Topic: 766 Message: 766

Have a Atlas 210x and no matter what mic I use the audio is distorted and very weak. Tried to find a pc 200d board but without any luck. Any help would be GREATLY appreciated!

767. Re: [atlas_radio] MIc output weak

Yahoo group: atlas_radio
Date: 2011-12-21 03:26:31 UTC
From: William Laakkonen
Topic: 766 Message: 767

You did not mention what mikes you have tried, but likely you have tried
low impedance mikes.

For the Atlas 210x you need a high impedance microphone such as a Shure
404C, which sounds excellent on this rig BTW.

73
Bill
N4BKT

On Tue, Dec 20, 2011 at 9:53 PM, ky5thcsa <ky5thcsa@...> wrote:

> **
>
>
> Have a Atlas 210x and no matter what mic I use the audio is distorted and
> very weak. Tried to find a pc 200d board but without any luck. Any help
> would be GREATLY appreciated!
>
>
>

[Non-text portions of this message have been removed]

768. Re: MIc output weak

Yahoo group: atlas_radio
Date: 2011-12-21 13:01:53 UTC
From: Vic
Topic: 766 Message: 768

Hi,

If you can't find a high impedance mic you can try a cheap electret mic and add an external one transistor amplifier. There are many schematics available on the web. Any npn transistor will do 2N3904, 2N2222, BC108 etc . It's quick and easy. Don't try to mount it inside the rig or you will likely get rf into it !

Or you can try an impedance transformer between mic and rig - these can be hard to find but are handy.

Also I have tried a simple one transistor circuit which converts a low Z mic to a high Z output. If you wanted to try that let me know and I'll scan the schematic for you.

I tried a one transistor amp feeding the transistor impedance converter and that combination worked really well.

73 Vic GW4JUN

[Non-text portions of this message have been removed]

769. Atlas 210X equalizer

Yahoo group: atlas_radio
Date: 2011-12-23 04:26:28 UTC
From: felix
Topic: 769 Message: 769

Based on signal reports I have been thinking about an external mic equalizer such as an XR EQ5+ made by ND2M. Any suggestions?

770. RE: [atlas_radio] Atlas 210X equalizer

Yahoo group: atlas_radio
Date: 2011-12-23 05:17:16 UTC
From: MIKE DURKIN
Topic: 769 Message: 770

Whuhhh?

I would bet its the microphone or a dry cap.

Mike KC7NOA

To: atlas_radio@yahoogroups.com
From: lopez.felix@...
Date: Fri, 23 Dec 2011 04:26:28 +0000
Subject: [atlas_radio] Atlas 210X equalizer

Based on signal reports I have been thinking about an external mic equalizer such as an XR EQ5+ made by ND2M. Any suggestions?

[Non-text portions of this message have been removed]

771. Re: [atlas_radio] Atlas 210X equalizer

Yahoo group: atlas_radio
Date: 2011-12-23 05:44:54 UTC
From: William Laakkonen
Topic: 769 Message: 771

...and no amount of "equalizer juice" will fix a bad or wrong mike. The Atlas rigs all have excellent transmit audio unless one use the wrong mike, or the radio has a defect. Equalizing mitigates a symptom but is no cure.

Have you tried turning the power way down and trying to monitor on another receiver? It might yield a clue and at least let you hear what others are hearing.

73
Bill
N4BKT

On Fri, Dec 23, 2011 at 12:17 AM, MIKE DURKIN <Patriot121@...> wrote:

> Whuhhh?
>
> I would bet its the microphone or a dry cap.
>
> Mike KC7NOA
>
> To: atlas_radio@yahoogroups.com
> From: lopez.felix@...
> Date: Fri, 23 Dec 2011 04:26:28 +0000
> Subject: [atlas_radio] Atlas 210X equalizer
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772. Checking in

Yahoo group: atlas_radio
Date: 2011-12-31 23:56:09 UTC
From: buzzgiles@sbcglobal.net
Topic: 772 Message: 772

Greetings to everyone in the group. I have recently acquired an Atlas 210 transceiver. I guess my first question is there a difference between the 210 and the 210x?

Thanks

73 de Gary,KF9CM

773. Re: [atlas_radio] Checking in

Yahoo group: atlas_radio
Date: 2012-01-02 09:12:31 UTC
From: Giuli Lanto
Topic: 772 Message: 773

Hi Gary,

The model 210 does not have the Noise Blanker (NB). Model 210X has PC120 card istaead PC100, which brings all NB circuitry. Look for manual (available also on internet) for technical details.

with regards

Giuliano

From: "buzzgiles@..." <Gary@...>
To: atlas_radio@yahoogroups.com
Sent: Saturday, December 31, 2011 11:56 PM
Subject: [atlas_radio] Checking in

Greetings to everyone in the group. I have recently acquired an Atlas 210 transceiver. I guess my first question is there a difference between the 210 and the 210x?

Thanks

73 de Gary,KF9CM

[Non-text portions of this message have been removed]

774. Re: Checking in

Yahoo group: atlas_radio
Date: 2012-01-02 16:00:50 UTC
From: buzzgiles@sbcglobal.net
Topic: 772 Message: 774

Hi Giuliano,

My model 210 has a potentiometer where the NB switch should be. I will investigate and find out whats going on there. I am going to install a frequency readout using a 7 segment LED type desplay so I won't have to widen the original window.

73 de Gary,KF9CM

--- In atlas_radio@yahoogroups.com, Giuli Lanto <la_uto@...> wrote:
>
> Hi Gary,
> Â
> The model 210 does not haveÂ the Noise Blanker (NB).Â Model 210X has PC120 card istaead PC100, which brings all NB circuitry.Â Look for manual (available also on internet) for technical details.
> Â
> with regards
> Â
> GiulianoÂ
>
>
> _____
> From: "buzzgiles@..." <Gary@...>
> To: atlas_radio@yahoogroups.com
> Sent: Saturday, December 31, 2011 11:56 PM
> Subject: [atlas_radio] Checking in
>
>
> Â
> Greetings to everyone in the group. I have recently acquired an Atlas 210 transceiver. I guess my first question is there a difference between the 210 and the 210x?
>
> Thanks
>
> 73 de Gary,KF9CM
>
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> [Non-text portions of this message have been removed]
>

775. Re: [atlas_radio] Re: Checking in

Yahoo group: atlas_radio
Date: 2012-01-02 16:15:33 UTC
From: Jim
Topic: 772 Message: 775

There were two styles of noise blanker -- one with a switch, and one with a pot. Not sure whick NB PCB goes with which, though.

Jim N6OTQ

>_____
> From: "buzzgiles@..." <Gary@kf9cm.com>
>To: atlas_radio@yahoogroups.com
>Sent: Monday, January 2, 2012 10:00 AM
>Subject: [atlas_radio] Re: Checking in
>
>
>Hi Giuliano,
>
>My model 210 has a potentiometer where the NB switch should be. I will investigate and find out whats going on there. I am going to install a frequency readout using a 7 segment LED type desplay so I won't have to widen the original window.
>
>73 de Gary,KF9CM
>
>--- In atlas_radio@yahoogroups.com, Giuli Lanto <la_uto@...> wrote:
>>
>> Hi Gary,
>> Â
>> The model 210 does not haveÂ the Noise Blanker (NB).Â Model 210X has PC120 card istaead PC100, which brings all NB circuitry.Â Look for manual (available also on internet) for technical details.
>

[Non-text portions of this message have been removed]

776. 2 Atlas 350XLs for sale..

Yahoo group: atlas_radio
Date: 2012-01-02 23:05:39 UTC
From: kk0dj
Topic: 776 Message: 776

I have two Atlas 350XLs that would like a new home. If any are
interested, please contact me at KK0DJ@... <mailto:KK0DJ@...>
.

One rig has the remote VFO installed and one does not. They are both of
similar vintage, having the Atlas-provided modification to the power
switch and transmit drive control. The rig with the remote VFO has
fairly consistent transmit power across all of the bands. The rig
without the remote VFO could stand a bit of tune-up to bring it up to
spec. Both are in great shape visuallly and technically. The displays
on both are fullly operational. Power cords and manuals come with each.
The receivers are up to spec and are very quiet and selectivity still is
amazing from this vintage set of rigs - should probably keep them, but I
must thin down my number of rigs. I will carefully pack and ship with
insurance and tracking. Buyer must pay for shipping et al. Thanks.

You can preview the rig with the remote VFO here
<http://groups.yahoo.com/group/atlas_radio/photos/album/8887825/pic/list\
> . If the link doesn't show for you, search Photos here on the group
site for KK0DJ.

If you'd like photos of the other rig, please drop me an email.

I'd like to get $325.00 for the rig w/remote VFO.

For the rig with0ut the remote VFO, I'd like to get $280.00.

Shipping will be taken care of by the purchaser as well as insurance and
tracking.

73

Dennis

KK0DJ

[Non-text portions of this message have been removed]

777. Difference between the Atlas 210 and the 210X.

Yahoo group: atlas_radio
Date: 2012-01-16 20:42:51 UTC
From: buzzgiles@sbcglobal.net
Topic: 777 Message: 777

Apparently there is a big difference between the Atlas 210X and the 210. The 210 X has more band spread then the 210. At the PA0FRI site, I use the 80 m modification for the Atlas 210. This moves the 210 from 3.7 to 3.5 MHz. This moves the bottom of the band to 3.5 MHz but the top band only goes to 3.8 MHz. I do not have a manual nor can I find one for the 210 on the net. On the 210 there is more capacitance across the band trimmers then on the 210X. The trimmer caps in turn are paralleled across the main tuning capacitor. If I change all the fixed capacitors across the trimmers to the 210X specifications, it should track the same as they 210X. Any thoughts on this.

73 de Gary KF9CM

778. Re: [atlas_radio] Difference between the Atlas 210 and the 210X.

Yahoo group: atlas_radio
Date: 2012-01-16 21:17:27 UTC
From: Paul Mateer
Topic: 777 Message: 778

I have a 210. Let me hunt down the manual and I'll see if I can scan it.
I'll have to look for that mod. I miss not having the CW portion of 80m

73 de Paul, AA9GG

On Mon, Jan 16, 2012 at 2:42 PM, buzzgiles@... <Gary@...>wrote:

> **
>
>
> Apparently there is a big difference between the Atlas 210X and the 210.
> The 210 X has more band spread then the 210. At the PA0FRI site, I use
> the 80 m modification for the Atlas 210. This moves the 210 from 3.7 to
> 3.5 MHz. This moves the bottom of the band to 3.5 MHz but the top band
> only goes to 3.8 MHz. I do not have a manual nor can I find one for the
> 210 on the net. On the 210 there is more capacitance across the band
> trimmers then on the 210X. The trimmer caps in turn are paralleled
> across the main tuning capacitor. If I change all the fixed capacitors
> across the trimmers to the 210X specifications, it should track the same
> as they 210X. Any thoughts on this.
>
> 73 de Gary KF9CM
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

779. Atlas 210 new Mods

Yahoo group: atlas_radio
Date: 2012-02-21 00:42:15 UTC
From: kf9cm
Topic: 779 Message: 779

Hi everyone.

I've been busy the last couple of weeks working on my Atlas 210. there is a lot of difference between the 210 and the 210X. I stabilized the VFO voltage, expanded the bands and installed a Digital read-out. It came out better than I expected. the video is a little jerky but you can see the improvement.

http://www.youtube.com/watch?v=UxMsoO5TR5k&feature=youtu.be
<http://www.youtube.com/watch?v=UxMsoO5TR5k&feature=youtu.be>

[Non-text portions of this message have been removed]

780. Re: [atlas_radio] Atlas 210 new Mods

Yahoo group: atlas_radio
Date: 2012-02-21 11:20:46 UTC
From: William Laakkonen
Topic: 779 Message: 780

Hey Gary,

Congratulations on your mods. This sounds like it was a very interesting project.

Unfortunately the video upload or processing appears to have failed on YouTube.com (at least for me- I see video is not available).

I am sure we would all enjoy to have a look and listen if you try again.

Hope to hear you on the air sometime. I am often on the Treasurecoasters net at 7153 from 8-9AM Eastern daily. Many of us are long-time hams (IOW not just OLD- a few of us started very young) and more than a handful of us like to tinker. ANYONE is invited to join the net (as long as you can operate on 7153KHz).

In the past I used my 210X but I decided to stop torturing my friends in exercising their RIT circuits. ;-) Mine only drifts on 40M band and stops for a few weeks after cleaning the band switches, only to return again (8V regulator is fine). This must be a result of nearly always tuning to the 40M band.

73
Bill
N4BKT
Stuart, FL

On Mon, Feb 20, 2012 at 7:42 PM, kf9cm <Gary@...> wrote:

> **
>
>
> Hi everyone.
>
> I've been busy the last couple of weeks working on my Atlas 210. there
> is a lot of difference between the 210 and the 210X. I stabilized the
> VFO voltage, expanded the bands and installed a Digital read-out. It
> came out better than I expected. the video is a little jerky but you can
> see the improvement.
>
> http://www.youtube.com/watch?v=UxMsoO5TR5k&feature=youtu.be
> <http://www.youtube.com/watch?v=UxMsoO5TR5k&feature=youtu.be>
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781. Re: Atlas 210 new Mods

Yahoo group: atlas_radio
Date: 2012-02-21 13:46:04 UTC
From: weak_signals
Topic: 779 Message: 781

I was wondering if anyone had comments or cures for the noisy mixer oscillator in the 210.
This amazing silent key had some comment here
http://www.agder.net/la8ak/b88.htm
BTW: I don't have a 210, but I'm looking. They use to be very common.
I have a 110 tho..
Any mods for that?
Thanks

782. Re: Atlas 210 new Mods

Yahoo group: atlas_radio
Date: 2012-02-21 15:57:00 UTC
From: kf9cm
Topic: 779 Message: 782

Sorry about the Video, but apparently YouTube doesn't like .mov files. I reloaded it and now you can try this link.

http://www.youtube.com/watch?v=7dXufRT934g
<http://www.youtube.com/watch?v=7dXufRT934g>

--- In atlas_radio@yahoogroups.com, "weak_signals" <weak_signals@...>
wrote:
>
>
> I was wondering if anyone had comments or cures for the noisy mixer
oscillator in the 210.
> This amazing silent key had some comment here
> http://www.agder.net/la8ak/b88.htm
> BTW: I don't have a 210, but I'm looking. They use to be very common.
> I have a 110 tho..
> Any mods for that?
> Thanks
>

[Non-text portions of this message have been removed]

783. Re: Atlas 210 new Mods

Yahoo group: atlas_radio
Date: 2012-02-21 16:55:35 UTC
From: Paul Mateer
Topic: 779 Message: 783

very nice. Who's display module did you use? Nice fit in the window. I also have a 210 that I was think about doing this to. Is the band spread mod in the archive here?

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

784. Re: Atlas 210 new Mods

Yahoo group: atlas_radio
Date: 2012-02-21 17:27:46 UTC
From: kf9cm
Topic: 779 Message: 784

Hi Paul,

I used this display:

http://www.411techsystems.com/html/hd44780-ssc2f08dlnw-e.html
<http://www.411techsystems.com/html/hd44780-ssc2f08dlnw-e.html>

and This controller:

http://www.pongrance.com/ddfc-cc.html
<http://www.pongrance.com/ddfc-cc.html>
The Band Spread mod is in the files section.

73 de Gary, KF9CM

--- In atlas_radio@yahoogroups.com, Paul Mateer <paul.aa9gg@...> wrote:
>
> very nice. Who's display module did you use? Nice fit in the window. I
> also have a 210 that I was think about doing this to. Is the band
> spread mod in the archive here?
>
> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com
> NAQCC 3123, SKCC 4628, FPQRP 2003
>

[Non-text portions of this message have been removed]

785. Atlas 180 value?

Yahoo group: atlas_radio
Date: 2012-02-29 22:56:48 UTC
From: w0szv
Topic: 785 Message: 785

I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?
thanks
Eldon
w0szv

786. RE: [atlas_radio] Atlas 180 value?

Yahoo group: atlas_radio
Date: 2012-02-29 23:21:34 UTC
From: MIKE DURKIN
Topic: 785 Message: 786

ill give you 50$ sight un seen ... Mike KC7NOA
To: atlas_radio@yahoogroups.com
From: skip4450@...
Date: Wed, 29 Feb 2012 22:56:48 +0000
Subject: [atlas_radio] Atlas 180 value?

I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?

thanks

Eldon

w0szv

[Non-text portions of this message have been removed]

787. Re: [atlas_radio] Atlas 180 value?

Yahoo group: atlas_radio
Date: 2012-02-29 23:21:38 UTC
From: ad5ez
Topic: 785 Message: 787

$200

Sent from my iPhone

On Feb 29, 2012, at 4:56 PM, "w0szv" <skip4450@yahoo.com> wrote:

> I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?
> thanks
> Eldon
> w0szv
>
>

[Non-text portions of this message have been removed]

788. Re: [atlas_radio] Atlas 180 value?

Yahoo group: atlas_radio
Date: 2012-03-01 02:35:53 UTC
From: ad5ez
Topic: 785 Message: 788

You either want to sell or not. Let me know

Sent from my iPhone

On Feb 29, 2012, at 4:56 PM, "w0szv" <skip4450@...> wrote:

> I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?
> thanks
> Eldon
> w0szv
>
>

[Non-text portions of this message have been removed]

789. I also have an excess Atlas 180

Yahoo group: atlas_radio
Date: 2012-03-01 14:28:10 UTC
From: Davy
Topic: 789 Message: 789

I also have an Atlas 180 that is
excess to my needs. It has factory mod for vox semi-break-in cw, VX5M vox accessory, mobile mount, AC power supply, and mic, It is the 180M version, with extended frequency range for MARS operation. It covers all the standard ham bands of the 180 and has the additional frequencies capability. The gear works well.
It has been
excess to my needs but I never have taken the time to advertise it. As Eldon mentioned, I also did not set a price to ask for yet, but should do so if I advertise it.
Howard
--- En date de : Jeu, 1.3.12, atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> a écrit :

De : atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com>
Objet : [atlas_radio] Digest Number 354
À : atlas_radio@yahoogroups.com
Date: jeudi 1 mars 2012 07 h 24

Atlas Radio

Atlas Radio

Messages In This Digest (4
Messages)

1a.

Atlas 180 value?
From:
w0szv
1b.

Re: Atlas 180 value?
From:
MIKE DURKIN
1c.

Re: Atlas 180 value?
From:
ad5ez
1d.

Re: Atlas 180 value?
From:
ad5ez

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Messages

1a.

Atlas 180 value?

Posted by: "w0szv"
skip4450@...

w0szv

Wed Feb 29, 2012 2:56 pm (PST)

I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?

thanks

Eldon

w0szv

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Reply to sender
|

Reply to group
|

Reply via web post

Messages in this topic
(4)

1b.

Re: Atlas 180 value?

Posted by: "MIKE DURKIN"
Patriot121@msn.com

seth_otherpower

Wed Feb 29, 2012 3:21 pm (PST)

ill give you 50$ sight un seen ... Mike KC7NOA

To: atlas_radio@ yahoogroups. com

From: skip4450@yahoo. com

Date: Wed, 29 Feb 2012 22:56:48 +0000

Subject: [atlas_radio] Atlas 180 value?

I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?

thanks

Eldon

w0szv

[Non-text portions of this message have been removed]

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1c.

Re: Atlas 180 value?

Posted by: "ad5ez"
ad5ez@...

ad5ez210x

Wed Feb 29, 2012 3:21 pm (PST)

$200

Sent from my iPhone

On Feb 29, 2012, at 4:56 PM, "w0szv" <skip4450@yahoo. com> wrote:

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790. RE: [atlas_radio] I also have an excess Atlas 180

Yahoo group: atlas_radio
Date: 2012-03-01 16:02:41 UTC
From: MIKE DURKIN
Topic: 789 Message: 790

Yea ... I miss my old 180,
You should figure on a price .... because I will try to low ball you (mostly because im really broke these days) hi hi

Mike KC7NOA

-----Original Message-----

From: Davy
Sent: 1 Mar 2012 14:28:14 GMT
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] I also have an excess Atlas 180

I also have an Atlas 180 that is
excess to my needs. It has factory mod for vox semi-break-in cw, VX5M vox accessory, mobile mount, AC power supply, and mic, It is the 180M version, with extended frequency range for MARS operation. It covers all the standard ham bands of the 180 and has the additional frequencies capability. The gear works well.
It has been
excess to my needs but I never have taken the time to advertise it. As Eldon mentioned, I also did not set a price to ask for yet, but should do so if I advertise it.
Howard
--- En date de : Jeu, 1.3.12, atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> a écrit :

De : atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com>
Objet : [atlas_radio] Digest Number 354
À : atlas_radio@yahoogroups.com
Date: jeudi 1 mars 2012 07 h 24

Atlas Radio

Atlas Radio

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Atlas 180 value?
From:
w0szv
1b.

Re: Atlas 180 value?
From:
MIKE DURKIN
1c.

Re: Atlas 180 value?
From:
ad5ez
1d.

Re: Atlas 180 value?
From:
ad5ez

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skip4450@...

w0szv

Wed Feb 29, 2012 2:56 pm (PST)

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Eldon

w0szv

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Re: Atlas 180 value?

Posted by: "MIKE DURKIN"
Patriot121@...

seth_otherpower

Wed Feb 29, 2012 3:21 pm (PST)

ill give you 50$ sight un seen ... Mike KC7NOA

To: atlas_radio@ yahoogroups. com

From: skip4450@yahoo. com

Date: Wed, 29 Feb 2012 22:56:48 +0000

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[Non-text portions of this message have been removed]

791. RE: [atlas_radio] I also have an excess Atlas 180

Yahoo group: atlas_radio
Date: 2012-03-01 17:14:06 UTC
From: Steve Miller
Topic: 789 Message: 791

I use my Atlas 180 mobile on 40 meter CW! Works FB!

Steve WA3JJT

To: atlas_radio@yahoogroups.com
From: Patriot121@...
Date: Thu, 1 Mar 2012 08:02:41 -0800
Subject: RE: [atlas_radio] I also have an excess Atlas 180

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De : atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com>
Objet : [atlas_radio] Digest Number 354
? : atlas_radio@yahoogroups.com
Date: jeudi 1 mars 2012 07 h 24

Atlas Radio

Atlas Radio

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From:
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Re: Atlas 180 value?
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1d.

Re: Atlas 180 value?
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792. Re: Atlas 180 value?

Yahoo group: atlas_radio
Date: 2012-03-01 18:56:51 UTC
From: tsmerk
Topic: 785 Message: 792

Probably around $200 in like new condition, unless you find someone who really wants one and might be willing to pay more.

While I have everybody's attention, I am looking for a 350XL, hopefully with the matching power supply. Any leads?

--- In atlas_radio@yahoogroups.com, "w0szv" <skip4450@...> wrote:
>
> I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?
> thanks
> Eldon
> w0szv
>

793. Re: [atlas_radio] Re: Atlas 180 value?

Yahoo group: atlas_radio
Date: 2012-03-01 19:18:31 UTC
From: Jim
Topic: 785 Message: 793

Just a caution that there's been a repeat scammer out there who claims to have a 350 and then absconds with peoples' funds.

As far as I can tell, he's the same guy claiming to have a prototype for the next Atlas -- was it the 400? -- and offers it for an improbably low price around $1000. He generally scores at least one or two suckers every time he tries it.

I recommend that you not buy a 350 sight-unseen unless you know the seller really well.

Moderator Jim
N6OTQ

>_____
> From: tsmerk <tom.smerk@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, March 1, 2012 12:56 PM
>Subject: [atlas_radio] Re: Atlas 180 value?
>
>Probably around $200 in like new condition, unless you find someone who really wants one and might be willing to pay more.
>
>While I have everybody's attention, I am looking for a 350XL, hopefully with the matching power supply. Any leads?
>

[Non-text portions of this message have been removed]

794. Re: [atlas_radio] Re: Atlas 180 value?

Yahoo group: atlas_radio
Date: 2012-03-01 22:01:55 UTC
From: Bill Cromwell
Topic: 785 Message: 794

Hi,

I have a 180. Priceless. I didn't know there were 'excess' 180s.

73,

Bill KU8H

[Non-text portions of this message have been removed]

795. Re: [atlas_radio] Re: Atlas 180 value?

Yahoo group: atlas_radio
Date: 2012-03-01 22:45:38 UTC
From: JACK BREWER
Topic: 785 Message: 795

Just to let everyone know. As far as I know there are only 3 people that have the Atlas 400. One is a friend of mine in CA who was working there when they went bankrupt and closed, afriend of mine in NC who bought one from the One in CA and myself. I have the only one that left the factory before they closed in working order. The others were still on the assemby line unfinished for a total of about 6. Jack WA3VZK

From: Jim <n6otq@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Thursday, March 1, 2012 2:18 PM
Subject: Re: [atlas_radio] Re: Atlas 180 value?

Just a caution that there's been a repeat scammer out there who claims to have a 350 and then absconds with peoples' funds.

As far as I can tell, he's the same guy claiming to have a prototype for the next Atlas -- was it the 400? -- and offers it for an improbably low price around $1000. He generally scores at least one or two suckers every time he tries it.

I recommend that you not buy a 350 sight-unseen unless you know the seller really well.

Moderator Jim
N6OTQ

>---
> From: tsmerk <tom.smerk@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, March 1, 2012 12:56 PM
>Subject: [atlas_radio] Re: Atlas 180 value?
>
>Probably around $200 in like new condition, unless you find someone who really wants one and might be willing to pay more.
>
>While I have everybody's attention, I am looking for a 350XL, hopefully with the matching power supply. Any leads?
>

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796. Re: [atlas_radio] Re: Atlas 180 value?

Yahoo group: atlas_radio
Date: 2012-03-01 22:52:20 UTC
From: JACK BREWER
Topic: 785 Message: 796

OH YEA, there are excess 180's . I have 2, one is a 180 and the other is a 180m, neither is excess. I also have the 110 , 115, 350, and the 400. None are excess but they are out there and come up on Ebay all the time for various prices.

From: Bill Cromwell <w_r_cromwell@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Thursday, March 1, 2012 5:01 PM
Subject: Re: [atlas_radio] Re: Atlas 180 value?

Hi,

I have a 180. Priceless. I didn't know there were 'excess' 180s.

73,

Bill KU8H

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

797. Re: [atlas_radio] Re: Atlas 180 value?

Yahoo group: atlas_radio
Date: 2012-03-01 22:53:14 UTC
From: Jim
Topic: 785 Message: 797

In the real world, this kind of comment is called "provenance" and should be taken into consideration any time you try to buy anything more scarce than a can of beans.

Jack, THANK YOU for sharing this with us. Would you care to bless the file sections in this group with photos and/or schematics?

Jim N6OTQ
group owner, besides being the surly moderator

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, March 1, 2012 4:45 PM
>Subject: Re: [atlas_radio] Re: Atlas 180 value?
>
>Just to let everyone know. As far as I know there are only 3 people that have the Atlas 400. One is a friend of mine in CA who was working there when they went bankrupt and closed, afriend of mine in NC who bought one from the One in CA and myself. I have the only one that left the factory before they closed in working order. The others were still on the assemby line unfinished for a total of about 6. Jack WA3VZK
>

[Non-text portions of this message have been removed]

798. Re: [atlas_radio] Re: Atlas 180 value?

Yahoo group: atlas_radio
Date: 2012-03-01 23:24:59 UTC
From: JACK BREWER
Topic: 785 Message: 798

Provenance? I'll have to find out fromWebster what that is. New one on me. I'll be more than happy to supply pictures as soon as I figure out how to do that. I also have the manuals on all of the models but no way to digitize them and the schematics. As soon as I find out how to put up pictures, I will. I collect all of the Herb Johnson radios. Almost got them all, but not quite. Oh well, it's a hobby, right??

From: Jim <n6otq@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Thursday, March 1, 2012 5:53 PM
Subject: Re: [atlas_radio] Re: Atlas 180 value?

In the real world, this kind of comment is called "provenance" and should be taken into consideration any time you try to buy anything more scarce than a can of beans.

Jack, THANK YOU for sharing this with us. Would you care to bless the file sections in this group with photos and/or schematics?

Jim N6OTQ
group owner, besides being the surly moderator

>---
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, March 1, 2012 4:45 PM
>Subject: Re: [atlas_radio] Re: Atlas 180 value?
>
>Just to let everyone know. As far as I know there are only 3 people that have the Atlas 400. One is a friend of mine in CA who was working there when they went bankrupt and closed, afriend of mine in NC who bought one from the One in CA and myself. I have the only one that left the factory before they closed in working order. The others were still on the assemby line unfinished for a total of about 6. Jack WA3VZK
>

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799. Re: [atlas_radio] Re: Atlas 180 value?

Yahoo group: atlas_radio
Date: 2012-03-02 00:15:28 UTC
From: Jim
Topic: 785 Message: 799

"Provenance" is hard-copy documentation that establishes the source or history of a collectible, even if it's just for a short period in the piece's life.

For example, it's really important with sports cars. Provenance -- including things like how a Congressional candidate owned this particular Porsche 931 ... can add significantly to the value of a car. If you can trace the ownership of a car all the way back to Munich? Even better.

I'm just saying that because I've got a 944S and a 931 ....

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@verizon.net>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, March 1, 2012 5:24 PM
>Subject: Re: [atlas_radio] Re: Atlas 180 value?
>
>Provenance? I'll have to find out fromWebster what that is. New one on me. I'll be more than happy to supply pictures as soon as I figure out how to do that. I also have the manuals on all of the models but no way to digitize them and the schematics. As soon as I find out how to put up pictures, I will. I collect all of the Herb Johnson radios. Almost got them all, but not quite. Oh well, it's a hobby, right??
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>_____
>From: Jim <n6otq@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, March 1, 2012 5:53 PM
>Subject: Re: [atlas_radio] Re: Atlas 180 value?
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>In the real world, this kind of comment is called "provenance" and should be taken into consideration any time you try to buy anything more scarce than a can of beans.
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>
>Jim N6OTQ
>group owner, besides being the surly moderator
>
>>_____

>> From: JACK BREWER <jtelrbrewer@...>
>>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>>Sent: Thursday, March 1, 2012 4:45 PM
>>Subject: Re: [atlas_radio] Re: Atlas 180 value?
>>
>>Just to let everyone know. As far as I know there are only 3 people that have the Atlas 400. One is a friend of mine in CA who was working there when they went bankrupt and closed, afriend of mine in NC who bought one from the One in CA and myself. I have the only one that left the factory before they closed in working order. The others were still on the assemby line unfinished for a total of about 6. Jack WA3VZK
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800. Re: I also have an excess Atlas 180

Yahoo group: atlas_radio
Date: 2012-03-02 19:39:52 UTC
From: Howard
Topic: 789 Message: 800

Here is my call, just in case anyone has any questions about the "excess" stuff. VE3AXD. I also have all manuals for the gear. Just too much in my shack: Hallicrafters, Kenwood, Drake, etc. I want to sell all my Atlas gear after recently getting plenty of Kenwood gear. Would be nice to unclutter the shack a bit.

Yes, I need to figure out a price to ask. I will think about it.

Howard VE3AXD

--- In atlas_radio@yahoogroups.com, Davy <gooduser4@...> wrote:
>
> I also have an Atlas 180 that is
> excess to my needs. It has factory mod for vox semi-break-in cw, VX5M vox accessory, mobile mount, AC power supply, and mic, It is the 180M version, with extended frequency range for MARS operation. It covers all the standard ham bands of the 180 and has the additional frequencies capability. The gear works well.
> It has been
> excess to my needs but I never have taken the time to advertise it. As Eldon mentioned, I also did not set a price to ask for yet, but should do so if I advertise it.
> Howard
> --- En date de : Jeu, 1.3.12, atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> a
> écrit :
>
> De : atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com>
> Objet : [atlas_radio] Digest Number 354
> À : atlas_radio@yahoogroups.com
> Date: jeudi 1 mars 2012 07 h 24
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> Messages In This Digest (4
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> 1a.
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> Atlas 180 value?
> From:
> w0szv
> 1b.
>
> Re: Atlas 180 value?
> From:
> MIKE DURKIN
> 1c.
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> Re: Atlas 180 value?
> From:
> ad5ez
> 1d.
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> Re: Atlas 180 value?

> From:
> ad5ez
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> View All Topics | Create New Topic
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> Messages
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> 1a.
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> Atlas 180 value?
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> Posted by: "w0szv"
> skip4450@...
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> w0szv
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> Wed Feb 29, 2012 2:56 pm (PST)
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>
> I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?
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> thanks
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> Eldon
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> w0szv
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> Reply to group
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> Reply via web post
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> Messages in this topic
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> 1b.
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> Re: Atlas 180 value?
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> Posted by: "MIKE DURKIN"
> Patriot121@...
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> seth_otherpower
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> Wed Feb 29, 2012 3:21 pm (PST)
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> ill give you 50$ sight un seen ... Mike KC7NOA
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> To: atlas_radio@ yahoogroups. com
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> From: skip4450@yahoo. com
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> Date: Wed, 29 Feb 2012 22:56:48 +0000
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> Subject: [atlas_radio] Atlas 180 value?
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> I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?
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> thanks
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> Re: Atlas 180 value?
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> Posted by: "ad5ez"
> ad5ez@...

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> On Feb 29, 2012, at 4:56 PM, "w0szv" <skip4450@yahoo. com> wrote:
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> > I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?
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> > Eldon
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> Re: Atlas 180 value?
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> Posted by: "ad5ez"
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> You either want to sell or not. Let me know
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> On Feb 29, 2012, at 4:56 PM, "w0szv" <skip4450@yahoo. com> wrote:
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> > I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?
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> > Eldon
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> Find support for
> Mental illnesses<img width="1" height="1" alt="" src="http://us.bc.yahoo.com/b?P=7b
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> Yahoo! Groups
> Parenting Zone
> Tips for family,
> kids and living<img width="1" height="1" alt="" src="http://us.bc.yahoo.com/b?P=7b598b88
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> Need to Reply?
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801. Re: [atlas_radio] Re: Atlas 180 value?

Yahoo group: atlas_radio
Date: 2012-03-02 20:23:48 UTC
From: JACK BREWER
Topic: 785 Message: 801

Well in that case I have no "provenancw" except the fack that I got the radios from Ebay and they came from Oceanside Ca. I have only that documentation. By they way I forgot to mention ,I also have the Atlas 110 twins, so that makes the collection of Atlas complete. As I understand, the only other "prototype" Atlas had was the 300 which never got off the drawing board.

From: Jim <n6otq@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Thursday, March 1, 2012 7:15 PM
Subject: Re: [atlas_radio] Re: Atlas 180 value?

"Provenance" is hard-copy documentation that establishes the source or history of a collectible, even if it's just for a short period in the piece's life.

For example, it's really important with sports cars. Provenance -- including things like how a Congressional candidate owned this particular Porsche 931 ... can add significantly to the value of a car. If you can trace the ownership of a car all the way back to Munich? Even better.

I'm just saying that because I've got a 944S and a 931 ....

Jim N6OTQ

>---
> From: JACK BREWER <jtelrbrewer@verizon.net>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, March 1, 2012 5:24 PM
>Subject: Re: [atlas_radio] Re: Atlas 180 value?
>
>Provenance? I'll have to find out fromWebster what that is. New one on me. I'll be more than happy to supply pictures as soon as I figure out how to do that. I also have the manuals on all of the models but no way to digitize them and the schematics. As soon as I find out how to put up pictures, I will. I collect all of the Herb Johnson radios. Almost got them all, but not quite. Oh well, it's a hobby, right??
>
>
>
>---
>From: Jim <n6otq@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, March 1, 2012 5:53 PM
>Subject: Re: [atlas_radio] Re: Atlas 180 value?
>
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>
>
>In the real world, this kind of comment is called "provenance" and should be taken into consideration any time you try to buy anything more scarce than a can of beans.
>
>Jack, THANK YOU for sharing this with us. Would you care to bless the file sections in this group with photos and/or schematics?
>
>Jim N6OTQ
>group owner, besides being the surly moderator
>
>>_________________________________
>> From: JACK BREWER <jtelrbrewer@...>
>>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>>Sent: Thursday, March 1, 2012 4:45 PM
>>Subject: Re: [atlas_radio] Re: Atlas 180 value?
>>
>>Just to let everyone know. As far as I know there are only 3 people that have the Atlas 400. One is a friend of mine in CA who was working there when they went bankrupt and closed, afriend of mine in NC who bought one from the One in CA and myself. I have the only one that left the factory before they closed in working order. The others were still on the assemby line unfinished for a total of about 6. Jack WA3VZK
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>Yahoo! Groups Links
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802. Re: [atlas_radio] Re: I also have an excess Atlas 180

Yahoo group: atlas_radio
Date: 2012-03-02 20:58:28 UTC
From: JACK BREWER
Topic: 789 Message: 802

Howard, you don't know what clutter is untill you see my shack. When you decide to sell , please don't put them on Ebay and sell to some CB'er. Let us know here what you have and the price, thanks

---
From: Howard <gooduser4@...>
To: atlas_radio@yahoogroups.com
Sent: Friday, March 2, 2012 2:39 PM
Subject: [atlas_radio] Re: I also have an excess Atlas 180

Here is my call, just in case anyone has any questions about the "excess" stuff. VE3AXD. I also have all manuals for the gear. Just too much in my shack: Hallicrafters, Kenwood, Drake, etc. I want to sell all my Atlas gear after recently getting plenty of Kenwood gear. Would be nice to unclutter the shack a bit.

Yes, I need to figure out a price to ask. I will think about it.

Howard VE3AXD

--- In atlas_radio@yahoogroups.com, Davy <gooduser4@...> wrote:
>
> I also have an Atlas 180 that is
> excess to my needs. It has factory mod for vox semi-break-in cw, VX5M vox accessory, mobile mount, AC power supply, and mic, It is the 180M version, with extended frequency range for MARS operation. It covers all the standard ham bands of the 180 and has the additional frequencies capability. The gear works well.
> It has been
> excess to my needs but I never have taken the time to advertise it. As Eldon mentioned, I also did not set a price to ask for yet, but should do so if I advertise it.
> Howard
> --- En date de : Jeu, 1.3.12, atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> a
> écrit :
>
> De : atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com>
> Objet : [atlas_radio] Digest Number 354
> À : atlas_radio@yahoogroups.com
> Date: jeudi 1 mars 2012 07 h 24
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> Messages In This Digest (4
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>
> 1a.
>
> Atlas 180 value?
> From:
> w0szv
> 1b.
>
> Re: Atlas 180 value?

> From:
> MIKE DURKIN
> 1c.
>
> Re: Atlas 180 value?
> From:
> ad5ez
> 1d.
>
> Re: Atlas 180 value?
> From:
> ad5ez
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>
> View All Topics | Create New Topic
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>
> Messages
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> 1a.
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>
> Atlas 180 value?
>
> Posted by: "w0szv"
> skip4450@...
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>
> w0szv
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>
> Wed Feb 29, 2012 2:56 pm (PST)
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>
> I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?
>
> thanks
>
> Eldon
>
> w0szv

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> Back to top
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> Reply to sender
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> Reply to group
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> Reply via web post
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> Messages in this topic
> (4)
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> 1b.
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>
> Re: Atlas 180 value?
>
> Posted by: "MIKE DURKIN"
> Patriot121@...
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> seth_otherpower
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>
> Wed Feb 29, 2012 3:21 pm (PST)
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>
> ill give you 50$ sight un seen ... Mike KC7NOA
>
> To: atlas_radio@ yahoogroups. com
>
> From: skip4450@yahoo. com

>
> Date: Wed, 29 Feb 2012 22:56:48 +0000
>
> Subject: [atlas_radio] Atlas 180 value?
>
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>
> I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?
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> thanks
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> Eldon
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> w0szv
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> Re: Atlas 180 value?
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> Posted by: "ad5ez"
> ad5ez@...
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> ad5ez210x
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> Wed Feb 29, 2012 3:21 pm (PST)
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> Sent from my iPhone
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>
> On Feb 29, 2012, at 4:56 PM, "w0szv" <skip4450@yahoo. com> wrote:
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>
> > I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?
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> > thanks
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> > Eldon
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> > w0szv
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> Reply via web post
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> Messages in this topic
> (4)
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> 1d.
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>
> Re: Atlas 180 value?
>
> Posted by: "ad5ez"
> ad5ez@...
>
>
> ad5ez210x
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>
>
> Wed Feb 29, 2012 6:36 pm (PST)
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>
>
> You either want to sell or not. Let me know
>
>
>
> Sent from my iPhone
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>
> On Feb 29, 2012, at 4:56 PM, "w0szv" <skip4450@yahoo. com> wrote:
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>
> > I have a Atlas 180 in working condition and a moble mount for it. It is excess to my needs and want to know if anyone can tell me what it might be worth?
>
> > thanks
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> > Eldon
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> > w0szv
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> Yahoo! Groups
> Mental Health Zone
> Find support for
> Mental illnesses<;img width="1" height="1" alt="" src="http://us.bc.yahoo.com/b?P=7b598b
88-6399-11e1-aa43-5f04ee3767da&;T=1d9ofi7f3%2fX%3d1330604664%2fE%3d1705063108%2fR%3dgroups
%2fK%3d5%2fV%3d2.1%2fW%3dH%2fY%3dYAHOO%2fF%3d3649703523%2fH%3dY29udGVudD0iUG9kY2FzdHM7QXVj
dGlvbnM7V2lkZ2V0cztHbztXZWJzaXRlX1NlcnZpY2VzO1NtYWxsX0J1c2luZXNzO0dyb3VwcztMb3R0ZXJ5O0dlb2
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ZTEtYWE0My01ZjA0ZWUzNzY3ZGEiIHNpdGVJZD0iNDQ1MjU1MSIgdFN0bXA9IjEzMzA2MDQ2NjQ4NDQwMjQiIA--%2
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89.8674578%2fD%3dNC%2fB%3d5741398%2fV%3d1">
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> Yahoo! Groups
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> Tips for family,
> kids and living<img width="1" height="1" alt="" src=";http://us.bc.yahoo.com/b?P=7b598b8
8-6399-11e1-aa43-5f04ee3767da&T=1d8u4ovkq%2fX%3d1330604664%2fE%3d1705063108%2fR%3dgroups%2
fK%3d5%2fV%3d2.1%2fW%3dH%2fY%3dYAHOO%2fF%3d402203106%2fH%3dY29udGVudD0iUG9kY2FzdHM7QXVjdGl
vbnM7V2lkZ2V0cztHbztXZWJzaXRlX1NlcnZpY2VzO1NtYWxsX0J1c2luZXNzO0dyb3VwcztMb3R0ZXJ5O0dlb2Npd
GllcztBdXRvcy1DdXN0b207IiBkaXNhYmxlc2h1ZmZsaW5nPSIxIiBzZXJ2ZUlkPSI3YjU5OGI4OC02Mzk5LTExZTE
tYWE0My01ZjA0ZWUzNzY3ZGEiIHNpdGVJZD0iNDQ1MjU1MSIgdFN0bXA9IjEzMzA2MDQ2NjQ4NDQwMjQiIA--%2fQ%
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> Share Photos

> Put your favorite
> photos and
> more online.<img width="1" height="1" alt="" src="http://us.bc.yahoo.com/b?P=7b598b
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2fK%3d5%2fV%3d2.1%2fW%3dH%2fY%3dYAHOO%2fF%3d2168543974%2fH%3dY29udGVudD0iUG9kY2FzdHM7QXVjd
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> Need to Reply?
> Click one of the "Reply" links to respond to a specific message in the Daily Digest.
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> Create New Topic |
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> Visit Your Group on the Web
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> Yahoo! Groups Terms of Use |
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> Unsubscribe
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803. dial cord stringing?

Yahoo group: atlas_radio
Date: 2012-03-03 18:13:31 UTC
From: AA9GG
Topic: 803 Message: 803

Well it happened. Turned on the rig (210) today to check out the contest and was turning around....then the freq. drum stopped turning. I thought it was just slipping because it is cracked, but nooooo. The dial cord decided to break! Does a stringing diagram exist for the Atlas-210? I did a quick look and didn't see one. HELP!

Paul, AA9GG

804. Re: dial cord stringing?

Yahoo group: atlas_radio
Date: 2012-03-04 20:13:47 UTC
From: Paul Mateer
Topic: 803 Message: 804

Can anyone please quickly sketch one up from theirs? I'd like to get back
on the air ASAP.

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

805. Re: [atlas_radio] Re: dial cord stringing?

Yahoo group: atlas_radio
Date: 2012-03-04 20:49:20 UTC
From: JOHN B. KRUK
Topic: 803 Message: 805

Looking down from the top with drum slot aft.

The string is anchored to the left clip.

Then out the slot and CCW around the drum to the left pulley and down to the knob.

Looks like once around the knob shaft and back up to the right pulley.

From the right pulley, CCW around the drum to the slot.

Into the slot, to the tension spring, and then to the right clip.

GL,

John,. K3KR

----- Original Message -----
From: Paul Mateer
To: atlas_radio@yahoogroups.com
Sent: Sunday, March 04, 2012 3:13 PM
Subject: [atlas_radio] Re: dial cord stringing?

Can anyone please quickly sketch one up from theirs? I'd like to get back
on the air ASAP.

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

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[Non-text portions of this message have been removed]

806. Re: [atlas_radio] Re: dial cord stringing?

Yahoo group: atlas_radio
Date: 2012-03-04 20:52:07 UTC
From: Terry Taylor
Topic: 803 Message: 806

Hi, Paul

I just sent some pictures directly to you.

73
Terry
N7BDL

Sent from my iPhone

On Mar 4, 2012, at 1:49 PM, "JOHN B. KRUK" <jbkruk@...g> wrote:

>
>
> Looking down from the top with drum slot aft.
>
> The string is anchored to the left clip.
>
> Then out the slot and CCW around the drum to the left pulley and down to the knob.
>
> Looks like once around the knob shaft and back up to the right pulley.
>
> From the right pulley, CCW around the drum to the slot.
>
> Into the slot, to the tension spring, and then to the right clip.
>
> GL,
>
> John,. K3KR
>
>
> ----- Original Message -----
> From: Paul Mateer
> To: atlas_radio@yahoogroups.com
> Sent: Sunday, March 04, 2012 3:13 PM
> Subject: [atlas_radio] Re: dial cord stringing?
>
>
>
> Can anyone please quickly sketch one up from theirs? I'd like to get back
> on the air ASAP.
>
> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com

> NAQCC 3123, SKCC 4628, FPQRP 2003
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> Yahoo! Groups Links
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807. Re: dial cord stringing?

Yahoo group: atlas_radio
Date: 2012-03-04 21:00:02 UTC
From: Paul Mateer
Topic: 803 Message: 807

MAN o MAN was I lucky! I tore the thing apart and to my surprise the cord did NOT break, but just slipped off!!! BUT....I need to know appox. how many turn go around the main tuning knob. I think I have it with 3 loops, but I just want to make sure.

Why did it slip off in the first place? Cord getting old and stretched slightly? The rig is abt 50 years old maybe I should just replace it anyway?

On Sun, Mar 4, 2012 at 2:13 PM, Paul Mateer <paul.aa9gg@...> wrote:

> Can anyone please quickly sketch one up from theirs? I'd like to get back
> on the air ASAP.
>
> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com
> NAQCC 3123, SKCC 4628, FPQRP 2003
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

808. Re: dial cord stringing?

Yahoo group: atlas_radio
Date: 2012-03-04 21:04:26 UTC
From: Paul Mateer
Topic: 803 Message: 808

Thanks guys....looks like mine is a little stretched out. It took 3 winds around the main tuning. It's working, but I think I will eventually replace it sooner than later. But as of now it's back on the air!

Thanks again es 73 :o)

Paul, AA9GG

On Sun, Mar 4, 2012 at 3:00 PM, Paul Mateer <paul.aa9gg@...> wrote:

> MAN o MAN was I lucky! I tore the thing apart and to my surprise the cord
> did NOT break, but just slipped off!!! BUT....I need to know appox. how
> many turn go around the main tuning knob. I think I have it with 3 loops,
> but I just want to make sure.
>
> Why did it slip off in the first place? Cord getting old and stretched
> slightly? The rig is abt 50 years old maybe I should just replace it anyway?
>
>
>
>
> On Sun, Mar 4, 2012 at 2:13 PM, Paul Mateer <paul.aa9gg@...> wrote:
>
>> Can anyone please quickly sketch one up from theirs? I'd like to get back
>> on the air ASAP.
>>
>> --
>> Paul Mateer, AA9GG
>> Elan Engineering Corp.
>> www.elanengr.com
>> NAQCC 3123, SKCC 4628, FPQRP 2003
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> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com
> NAQCC 3123, SKCC 4628, FPQRP 2003
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com

NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

809. Re: [atlas_radio] Re: dial cord stringing?

Yahoo group: atlas_radio
Date: 2012-03-04 21:05:54 UTC
From: Ken Burchfield
Topic: 803 Message: 809

Terry would you send me the Dial Stinging pictures of the Atlas
I would like to add to my Atlas files.
Thanks

73 Ken..... k5jxl@...

PacketRadio is Still Alive.....Mississippi.....145.010.....Simplex.....1200 Baud

---
From: Terry Taylor <ttaylor2372@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Sunday, March 4, 2012 2:52 PM
Subject: Re: [atlas_radio] Re: dial cord stringing?

Hi, Paul

I just sent some pictures directly to you.

73
Terry
N7BDL

Sent from my iPhone

On Mar 4, 2012, at 1:49 PM, "JOHN B. KRUK" <jbkruk@...> wrote:

>
>
> Looking down from the top with drum slot aft.
>
> The string is anchored to the left clip.
>
> Then out the slot and CCW around the drum to the left pulley and down to the knob.
>
> Looks like once around the knob shaft and back up to the right pulley.
>
> From the right pulley, CCW around the drum to the slot.
>
> Into the slot, to the tension spring, and then to the right clip.
>
> GL,
>
> John,. K3KR
>
>
> ----- Original Message -----
> From: Paul Mateer

> To: atlas_radio@yahoogroups.com
> Sent: Sunday, March 04, 2012 3:13 PM
> Subject: [atlas_radio] Re: dial cord stringing?
>
>
>
> Can anyone please quickly sketch one up from theirs? I'd like to get back
> on the air ASAP.
>
> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com
> NAQCC 3123, SKCC 4628, FPQRP 2003
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Yahoo! Groups Links

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810. Re: [atlas_radio] Re: dial cord stringing?

Yahoo group: atlas_radio
Date: 2012-03-04 21:10:56 UTC
From: Terry Taylor
Topic: 803 Message: 810

You can see how mine is in one of the pictures.

73
Terry
N7BDL

Sent from my iPhone

On Mar 4, 2012, at 2:04 PM, Paul Mateer <paul.aa9gg@...> wrote:

> Thanks guys....looks like mine is a little stretched out. It took 3 winds
> around the main tuning. It's working, but I think I will eventually replace
> it sooner than later. But as of now it's back on the air!
>
> Thanks again es 73 :o)
>
> Paul, AA9GG
>
> On Sun, Mar 4, 2012 at 3:00 PM, Paul Mateer <paul.aa9gg@...> wrote:
>
>> MAN o MAN was I lucky! I tore the thing apart and to my surprise the cord
>> did NOT break, but just slipped off!!! BUT....I need to know appox. how
>> many turn go around the main tuning knob. I think I have it with 3 loops,
>> but I just want to make sure.
>>
>> Why did it slip off in the first place? Cord getting old and stretched
>> slightly? The rig is abt 50 years old maybe I should just replace it anyway?
>>
>>
>>
>>
>> On Sun, Mar 4, 2012 at 2:13 PM, Paul Mateer <paul.aa9gg@...> wrote:
>>
>>> Can anyone please quickly sketch one up from theirs? I'd like to get back
>>> on the air ASAP.
>>>
>>> --
>>> Paul Mateer, AA9GG
>>> Elan Engineering Corp.
>>> www.elanengr.com
>>> NAQCC 3123, SKCC 4628, FPQRP 2003
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>> --

>> Paul Mateer, AA9GG
>> Elan Engineering Corp.
>> www.elanengr.com
>> NAQCC 3123, SKCC 4628, FPQRP 2003
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> --
> Paul Mateer, AA9GG
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> www.elanengr.com
> NAQCC 3123, SKCC 4628, FPQRP 2003
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> [Non-text portions of this message have been removed]
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>
> Yahoo! Groups Links
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811. Re: [atlas_radio] Re: dial cord stringing?

Yahoo group: atlas_radio
Date: 2012-03-04 21:12:55 UTC
From: Paul Mateer
Topic: 803 Message: 811

I just uploaded them to my picture album....

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

812. Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-05 16:33:18 UTC
From: Paul Mateer
Topic: 812 Message: 812

Listed on ebay......7 hours remaining. No association......

http://www.ebay.com/itm/Atlas-10XB-External-VFO-for-Alas-210X-Transceiver-/390395492318?pt=LH_DefaultDomain_0&hash=item5ae56277de

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

813. Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-06 00:05:40 UTC
From: Jim
Topic: 812 Message: 813

The snipers ran this up to $38.76, which is at least twice should it should have been, and about 4 times what I paid the last time I bought one.

Nevertheless, thanks for sharing this with all of us.

73!

Moderator Jim N6OTQ

>_____
> From: Paul Mateer <paul.aa9gg@gmail.com>
>To: atlas_radio <atlas_radio@yahoogroups.com>
>Sent: Monday, March 5, 2012 10:33 AM
>Subject: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
>
>Listed on ebay......7 hours remaining. No association......
>
>http://www.ebay.com/itm/Atlas-10XB-External-VFO-for-Alas-210X-Transceiver-/390395492318?pt=LH_DefaultDomain_0&hash=item5ae56277de
>
>--
>Paul Mateer, AA9GG
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>www.elanengr.com
>NAQCC 3123, SKCC 4628, FPQRP 2003
>

[Non-text portions of this message have been removed]

814. Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-06 00:15:15 UTC
From: William Laakkonen
Topic: 812 Message: 814

No surprise there Jim.

I believe my DD-6 Digital Display is worth more than the rig itself. Accessories often are worth more because there are fewer accessories than rigs. I saw a calibrator for a Galaxy V sell in the recent past for over $100.00 while the rigs sell (as-is) for much less. Go figure that- it's not as if someone could see it, so you could easily fit something in the slot instead. VFO's I understand. E.G. An RV-550A for a GT-550A is worth much more than the rig itself as they only ever made less than 50 total external VFO's vs 500+ rigs.

73
Bill
N4BKT

On Mon, Mar 5, 2012 at 7:05 PM, Jim <n6otq@...> wrote:

> **
>
>
> The snipers ran this up to $38.76, which is at least twice should it
> should have been, and about 4 times what I paid the last time I bought one.
>
> Nevertheless, thanks for sharing this with all of us.
>
> 73!
>
> Moderator Jim N6OTQ
>
> >_____
> > From: Paul Mateer <paul.aa9gg@...>
> >To: atlas_radio <atlas_radio@yahoogroups.com>
> >Sent: Monday, March 5, 2012 10:33 AM
> >Subject: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
> >
> >Listed on ebay......7 hours remaining. No association......
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> >
> http://www.ebay.com/itm/Atlas-10XB-External-VFO-for-Alas-210X-Transceiver-/390395492318?pt=LH_DefaultDomain_0&hash=item5ae56277de
> >
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> >Paul Mateer, AA9GG
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> >
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815. Another one

Yahoo group: atlas_radio
Date: 2012-03-06 02:21:19 UTC
From: ad5ez
Topic: 815 Message: 815

Atlas 210x base up for grabs

Sent from my iPhone

816. eBay

Yahoo group: atlas_radio
Date: 2012-03-06 02:22:26 UTC
From: ad5ez
Topic: 816 Message: 816

On ebay
Sent from my iPhone

817. Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-08 00:28:57 UTC
From: JACK BREWER
Topic: 812 Message: 817

Don' blame high ebay prices on snippers. Blame it on the bidders that bid back and forth trying to outdo each other. Snippers such as myself only place one bid at the end of the auction. I got the XO with one bid at the end. Or as you call it the VFO which it is not. I never go back and forth with another bidder, I decide how bad I want something and the highest price I am willing to pay and that is it. Fair and simple.

From: Jim <n6otq@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Monday, March 5, 2012 7:05 PM
Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

The snipers ran this up to $38.76, which is at least twice should it should have been, and about 4 times what I paid the last time I bought one.

Nevertheless, thanks for sharing this with all of us.

73!

Moderator Jim N6OTQ

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> From: Paul Mateer <paul.aa9gg@...>
>To: atlas_radio <atlas_radio@yahoogroups.com>
>Sent: Monday, March 5, 2012 10:33 AM
>Subject: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
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>Listed on ebay......7 hours remaining. No association......
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>http://www.ebay.com/itm/Atlas-10XB-External-VFO-for-Alas-210X-Transceiver-/390395492318?pt=LH_DefaultDomain_0&hash=item5ae56277de
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[Non-text portions of this message have been removed]

818. Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-08 03:44:38 UTC
From: ad5ez
Topic: 812 Message: 818

Sometimes it friends helping each other raise the bids by shelling, never intending to buy

Sent from my iPhone

On Mar 7, 2012, at 6:28 PM, JACK BREWER <jtelrbrewer@...> wrote:

> Don' blame high ebay prices on snippers. Blame it on the bidders that bid back and forth trying to outdo each other. Snippers such as myself only place one bid at the end of the auction. I got the XO with one bid at the end. Or as you call it the VFO which it is not. I never go back and forth with another bidder, I decide how bad I want something and the highest price I am willing to pay and that is it. Fair and simple.
>
> _____
> From: Jim <n6otq@yahoo.com>
> To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
> Sent: Monday, March 5, 2012 7:05 PM
> Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
>
>
>
>
> The snipers ran this up to $38.76, which is at least twice should it should have been, and about 4 times what I paid the last time I bought one.
>
> Nevertheless, thanks for sharing this with all of us.
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> 73!
>
> Moderator Jim N6OTQ
>
> >_____
> > From: Paul Mateer <paul.aa9gg@gmail.com>
> >To: atlas_radio <atlas_radio@yahoogroups.com>
> >Sent: Monday, March 5, 2012 10:33 AM
> >Subject: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
> >
> >Listed on ebay......7 hours remaining. No association......
> >
> >http://www.ebay.com/itm/Atlas-10XB-External-VFO-for-Alas-210X-Transceiver-/390395492318?pt=LH_DefaultDomain_0&hash=item5ae56277de
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> >Paul Mateer, AA9GG
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> [Non-text portions of this message have been removed]
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819. Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-08 03:46:54 UTC
From: ad5ez
Topic: 812 Message: 819

I meant shill bidding

Sent from my iPhone

On Mar 7, 2012, at 9:44 PM, ad5ez <ad5ez@...> wrote:

> Sometimes it friends helping each other raise the bids by shelling, never intending to buy
>
> Sent from my iPhone
>
> On Mar 7, 2012, at 6:28 PM, JACK BREWER <jtelrbrewer@...> wrote:
>
> > Don' blame high ebay prices on snippers. Blame it on the bidders that bid back and forth trying to outdo each other. Snippers such as myself only place one bid at the end of the auction. I got the XO with one bid at the end. Or as you call it the VFO which it is not. I never go back and forth with another bidder, I decide how bad I want something and the highest price I am willing to pay and that is it. Fair and simple.
> >
> > _____
> > From: Jim <n6otq@...>
> > To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
> > Sent: Monday, March 5, 2012 7:05 PM
> > Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
> >
> >
> >
> >
> > The snipers ran this up to $38.76, which is at least twice should it should have been, and about 4 times what I paid the last time I bought one.
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> > Nevertheless, thanks for sharing this with all of us.
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> > 73!
> >
> > Moderator Jim N6OTQ
> >
> > >_____
> > > From: Paul Mateer <paul.aa9gg@...>
> > >To: atlas_radio <atlas_radio@yahoogroups.com>
> > >Sent: Monday, March 5, 2012 10:33 AM
> > >Subject: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
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820. Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-08 12:36:54 UTC
From: Jim
Topic: 812 Message: 820

Jack,

I would point out that I didn't call it a VFO, the seller did. It's good to hear that you are happy with your purchase.

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@verizon.net>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Wednesday, March 7, 2012 6:28 PM
>Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
>
>Don' blame high ebay prices on snippers. Blame it on the bidders that bid back and forth trying to outdo each other. Snippers such as myself only place one bid at the end of the auction. I got the XO with one bid at the end. Or as you call it the VFO which it is not. I never go back and forth with another bidder, I decide how bad I want something and the highest price I am willing to pay and that is it. Fair and simple.
>
>
>
>_____
>From: Jim <n6otq@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@...m>
>Sent: Monday, March 5, 2012 7:05 PM
>Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
>
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>
>
>The snipers ran this up to $38.76, which is at least twice should it should have been, and about 4 times what I paid the last time I bought one.
>
>Nevertheless, thanks for sharing this with all of us.
>
>73!
>
>Moderator Jim N6OTQ
>
>>_____
>> From: Paul Mateer <paul.aa9gg@gmail.com>
>>To: atlas_radio <atlas_radio@yahoogroups.com>
>>Sent: Monday, March 5, 2012 10:33 AM
>>Subject: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
>>

>>Listed on ebay......7 hours remaining. No association......
>>
>>http://www.ebay.com/itm/Atlas-10XB-External-VFO-for-Alas-210X-Transceiver-/390395492318?pt=LH_DefaultDomain_0&hash=item5ae56277de
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821. Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-08 13:51:32 UTC
From: JACK BREWER
Topic: 812 Message: 821

I realize that. Yes I know there is a lot of shill biding going on on ebay.

_____
From: Jim <n6otq@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Thursday, March 8, 2012 7:36 AM
Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Jack,

I would point out that I didn't call it a VFO, the seller did. It's good to hear that you are happy with your purchase.

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Wednesday, March 7, 2012 6:28 PM
>Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
>
>Don' blame high ebay prices on snippers. Blame it on the bidders that bid back and forth trying to outdo each other. Snippers such as myself only place one bid at the end of the auction. I got the XO with one bid at the end. Or as you call it the VFO which it is not. I never go back and forth with another bidder, I decide how bad I want something and the highest price I am willing to pay and that is it. Fair and simple.
>
>
>
>_____
>From: Jim <n6otq@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Monday, March 5, 2012 7:05 PM
>Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
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>Nevertheless, thanks for sharing this with all of us.
>
>73!
>

>Moderator Jim N6OTQ
>
>>_________________________________
>> From: Paul Mateer <paul.aa9gg@...>
>>To: atlas_radio <atlas_radio@yahoogroups.com>
>>Sent: Monday, March 5, 2012 10:33 AM
>>Subject: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
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822. RE: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-08 16:10:42 UTC
From: Tom Smerk
Topic: 812 Message: 822

What amazes me is why people are actually paying these high prices for equipment that is not worth what it is being sold for. Unless buyers stop doing this and refure to be overcharged, the same thing is going to happen with ham radio equipment as had happened in other vintage markets already - the prices are going to go through the roof and stay there!

From: atlas_radio@yahoogroups.com on behalf of JACK BREWER
Sent: Thu 3/8/2012 5:51 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

I realize that. Yes I know there is a lot of shill biding going on on ebay.

From: Jim <n6otq@... <mailto:n6otq%40yahoo.com> >
To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> "
<atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >
Sent: Thursday, March 8, 2012 7:36 AM
Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Jack,

I would point out that I didn't call it a VFO, the seller did. It's good to hear that you are happy with your purchase.

Jim N6OTQ

>---
> From: JACK BREWER <jtelrbrewer@... <mailto:jtelrbrewer%40verizon.net> >
>To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> "
<atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >
>Sent: Wednesday, March 7, 2012 6:28 PM
>Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
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>Don' blame high ebay prices on snippers. Blame it on the bidders that bid back and forth trying to outdo each other. Snippers such as myself only place one bid at the end of the auction. I got the XO with one bid at the end. Or as you call it the VFO which it is not. I never go back and forth with another bidder, I decide how bad I want something and the highest price I am willing to pay and that is it. Fair and simple.
>
>
>
>---
>From: Jim <n6otq@... <mailto:n6otq%40yahoo.com> >
>To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> "
<atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >

>Sent: Monday, March 5, 2012 7:05 PM
>Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
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>Moderator Jim N6OTQ
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>>_________________________________
>> From: Paul Mateer <paul.aa9gg@... <mailto:paul.aa9gg%40gmail.com> >
>>To: atlas_radio <atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >
>>Sent: Monday, March 5, 2012 10:33 AM
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823. RE: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-08 16:22:38 UTC
From: MIKE DURKIN
Topic: 812 Message: 823

For a seller ... I suppose that ain't bad.

-----Original Message-----

From: Tom Smerk
Sent: 8 Mar 2012 16:13:28 GMT
To: atlas_radio@yahoogroups.com
Subject: RE: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

What amazes me is why people are actually paying these high prices for equipment that is not worth what it is being sold for. Unless buyers stop doing this and refure to be overcharged, the same thing is going to happen with ham radio equipment as had happened in other vintage markets already - the prices are going to go through the roof and stay there!

From: atlas_radio@yahoogroups.com on behalf of JACK BREWER
Sent: Thu 3/8/2012 5:51 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

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From: Jim <n6otq@... <mailto:n6otq%40yahoo.com> >
To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> "
<atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >
Sent: Thursday, March 8, 2012 7:36 AM
Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

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Jim N6OTQ

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> From: JACK BREWER <jtelrbrewer@... <mailto:jtelrbrewer%40verizon.net> >
>To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> "
<atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >
>Sent: Wednesday, March 7, 2012 6:28 PM
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>From: Jim <n6otq@... <mailto:n6otq%40yahoo.com> >
>To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> "
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>Sent: Monday, March 5, 2012 7:05 PM
>Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
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>73!
>
>Moderator Jim N6OTQ
>
>>_____
>> From: Paul Mateer <paul.aa9gg@... <mailto:paul.aa9gg%40gmail.com> >
>>To: atlas_radio <atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >
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824. Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-08 17:21:27 UTC
From: JACK BREWER
Topic: 812 Message: 824

" The true value of anything, lies some where between what the seller is asking and what the buyer wants to give" Ben Franklin. I also consider what the buyer can afford. Another thought, anything that is for sale should be sold in it's proper place. Cars on a car lot, books in a book store, radios on a site such as this or QRZ, etc. Also radios should be sold with the stipulation that , "this radio is to be sold ONLY to licensed radio amateurs ONLY with the proper license" General class radios should not be sold to CB'ers and to CB'ers holding a Tech class license. This would bring the prices to within reason I beleive. It would also cut down malicious interference on the bands.

From: MIKE DURKIN <Patriot121@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, March 8, 2012 11:22 AM
Subject: RE: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

For a seller ... I suppose that ain't bad.

-----Original Message-----

From: Tom Smerk
Sent: 8 Mar 2012 16:13:28 GMT
To: atlas_radio@yahoogroups.com
Subject: RE: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

What amazes me is why people are actually paying these high prices for equipment that is not worth what it is being sold for. Unless buyers stop doing this and refure to be overcharged, the same thing is going to happen with ham radio equipment as had happened in other vintage markets already - the prices are going to go through the roof and stay there!

From: atlas_radio@yahoogroups.com on behalf of JACK BREWER
Sent: Thu 3/8/2012 5:51 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

I realize that. Yes I know there is a lot of shill biding going on on ebay.

From: Jim <n6otq@... <mailto:n6otq%40yahoo.com> >
To: "atlas_radio@...m <mailto:atlas_radio%40yahoogroups.com> "
<atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >
Sent: Thursday, March 8, 2012 7:36 AM
Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Jack,

I would point out that I didn't call it a VFO, the seller did. It's good to hear that you are happy with your purchase.

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@... <mailto:jtelrbrewer%40verizon.net> >
>To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> "
<atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >
>Sent: Wednesday, March 7, 2012 6:28 PM
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>To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> "
<atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >
>Sent: Monday, March 5, 2012 7:05 PM
>Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
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>73!
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>Moderator Jim N6OTQ
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>>To: atlas_radio <atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >
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825. RE: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-08 19:15:05 UTC
From: Tom Smerk
Topic: 812 Message: 825

I guess that we are in a "seller's market" situation! I am currently looking for a rig, but I'll be darned if I'm going to pay what some of these sellers are asking. I'm looking at this one HF transceiver where the sellers is asking $650, then I look in eHam and see comments like "picked one up for $300 and it was like new!" And this is not one comment by one person - the board is full of similar comments. So I'm going to wait until I can buy one for what the other hams paid for their used gear. I am not going to be responsible for inflation!

It used to be that an older experienced ham was very happy to see that his trusty old rig made it into a good home where it will be appreciated and gives the new owner the same enjoyment that the original owner got from it. Heck, I remember when elmers used to actuall "give" their rigs away, just to see that it was appreciated! I was lucky enough to have someone loan me a HF rig to get me started when I got my Extra Class license, and I hope I can do the same for others, many times over! I will also be the first in line to help them learn how to use their equipment or hook something up correctly.

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Sent: Thu 3/8/2012 8:22 AM
To: atlas_radio@yahoogroups.com
Subject: RE: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

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From: Tom Smerk
Sent: 8 Mar 2012 16:13:28 GMT
To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
Subject: RE: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

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Sent: Thu 3/8/2012 5:51 AM
To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

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>Moderator Jim N6OTQ

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826. RE: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-08 19:15:39 UTC
From: Tom Smerk
Topic: 812 Message: 826

I'd like to see this backfire on them!

From: atlas_radio@yahoogroups.com on behalf of JACK BREWER
Sent: Thu 3/8/2012 5:51 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

I realize that. Yes I know there is a lot of shill biding going on on ebay.

From: Jim <n6otq@... <mailto:n6otq%40yahoo.com> >
To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> "
<atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >
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>To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> "
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827. Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-08 19:19:50 UTC
From: William Laakkonen
Topic: 812 Message: 827

If someone pays the price- it is worth it.

If you look at the comments on e.g. eham, you will see many are from years ago-- like when gas was under two bucks a gallon. Those days are gone.

While this is an interesting thread, it really now has not a thing to do with Atlas gear. Can we just close it please?

73
Bill
N4BKT

On Thu, Mar 8, 2012 at 2:15 PM, Tom Smerk <tom.smerk@...> wrote:

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>
>
> I guess that we are in a "seller's market" situation! I am currently
> looking for a rig, but I'll be darned if I'm going to pay what some of
> these sellers are asking. I'm looking at this one HF transceiver where the
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828. Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-08 23:07:59 UTC
From: JACK BREWER
Topic: 812 Message: 828

Well said Tom. I do the same here. I don't know how many rigs I have given away to new hams.

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To: atlas_radio@yahoogroups.com
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From: Tom Smerk
Sent: 8 Mar 2012 16:13:28 GMT
To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
Subject: RE: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

What amazes me is why people are actually paying these high prices for equipment that is not worth what it is being sold for. Unless buyers stop doing this and refure to be overcharged, the same thing is going to happen with ham radio equipment as had happened in other vintage markets already - the prices are going to go through the roof and stay there!

From: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> on behalf of JACK BREWER
Sent: Thu 3/8/2012 5:51 AM
To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

I realize that. Yes I know there is a lot of shill biding going on on ebay.

_____
From: Jim <n6otq@... <mailto:n6otq%40yahoo.com> <mailto:n6otq%40yahoo.com> >
To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> <mailto:atlas_radio%40yahoogroups.com> " <atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> <mailto:atlas_radio%40yahoogroups.com> >
Sent: Thursday, March 8, 2012 7:36 AM
Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver

Jack,

I would point out that I didn't call it a VFO, the seller did. It's good to hear that you are happy with your purchase.

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@... <mailto:jtelrbrewer%40verizon.net> <mailto:jtelrbrewer%40verizon.net> >
>To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> <mailto:atlas_radio%40yahoogroups.com> " <atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> <mailto:atlas_radio%40yahoogroups.com> >
>Sent: Wednesday, March 7, 2012 6:28 PM
>Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
>
>Don' blame high ebay prices on snippers. Blame it on the bidders that bid back and forth trying to outdo each other. Snippers such as myself only place one bid at the end of the auction. I got the XO with one bid at the end. Or as you call it the VFO which it is not. I never go back and forth with another bidder, I decide how bad I want something and the highest price I am willing to pay and that is it. Fair and simple.
>
>
>
>_____
>From: Jim <n6otq@... <mailto:n6otq%40yahoo.com> <mailto:n6otq%40yahoo.com> >
>To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> <mailto:atlas_radio%40yahoogroups.com> " <atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> <mailto:atlas_radio%40yahoogroups.com> >
>Sent: Monday, March 5, 2012 7:05 PM
>Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
>
>
>
>
>
>The snipers ran this up to $38.76, which is at least twice should it should have been, and

about 4 times what I paid the last time I bought one.
>
>Nevertheless, thanks for sharing this with all of us.
>
>73!
>
>Moderator Jim N6OTQ
>
>>_________________________________
>> From: Paul Mateer <paul.aa9gg@... <mailto:paul.aa9gg%40gmail.com>
<mailto:paul.aa9gg%40gmail.com> >
>>To: atlas_radio <atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
<mailto:atlas_radio%40yahoogroups.com> >
>>Sent: Monday, March 5, 2012 10:33 AM
>>Subject: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
>>
>>Listed on ebay......7 hours remaining. No association......
>>
>>http://www.ebay.com/itm/Atlas-10XB-External-VFO-for-Alas-210X-Transceiver-/390395492318?
pt=LH_DefaultDomain_0&hash=item5ae56277de
>>
>>--
>>Paul Mateer, AA9GG
>>Elan Engineering Corp.
>>www.elanengr.com
>>NAQCC 3123, SKCC 4628, FPQRP 2003
>>
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829. Re: Atlas 10XB External VFO for Alas 210X Transceiver

Yahoo group: atlas_radio
Date: 2012-03-09 17:51:54 UTC
From: atlasstuff
Topic: 812 Message: 829

Jack,

Congratulations on your purchase. I was lucky enough to find a mint condition 10XB in the US recently. It started out with a slightly higher $ price tag than yours, which I thought was good value, as these units are I think comparitively rare in the US and rare (as in rocking horse droppings) over here.

On top of the $ price I paid there was currency conversion, shipping, import duty, tax, carriage admin. fee. The final bill was probably in the $100 range! ('Gas' is about $8 a (US) gallon over here at present.)

I'm a eBay sniper like you. I snipe in order not to contribute to the pushing up of price that results from bidders pecking away at each other leading up to the deadline.

The 10XB is a fun unit. I bought a couple of dozen surplus HC6 crystals (ex-land mobile radio) for $10 and now have all sorts of useful frequencies installed and no VFO drift. To get crystals cut over here costs around $20 a pop!

A someone else eluded to on here, value, cost and price are different things and/or the same thing from different perspectives.

Enjoy your 10XB. If we ever get two crystals the same, we might even work each other!

Regards,

Mark.

--- In atlas_radio@yahoogroups.com, JACK BREWER <jtelrbrewer@...> wrote:
>
> Don' blame high ebay prices on snippers. Blame it on the bidders that bid back and forth trying to outdo each other. Snippers such as myself only place one bid at the end of the auction.Â I got the XO with one bid at the end. Or as you call it the VFO which it is not. I never go back and forth with another bidder, I decide how bad I want something and the highest price I am willing to pay and that is it. Fair and simple.
> >
> >
> >
> > _____
> > From: Jim <n6otq@...>
> > To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
> > Sent: Monday, March 5, 2012 7:05 PM
> > Subject: Re: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
> >
> >
> >
> > Â
> >

> The snipers ran this up to $38.76, which is at least twice should it should have been, and about 4 times what I paid the last time I bought one.
>
> Nevertheless, thanks for sharing this with all of us.
>
> 73!
>
> Moderator Jim N6OTQ
>
> >_____
> > From: Paul Mateer <paul.aa9gg@...>
> >To: atlas_radio <atlas_radio@yahoogroups.com>
> >Sent: Monday, March 5, 2012 10:33 AM
> >Subject: [atlas_radio] Atlas 10XB External VFO for Alas 210X Transceiver
> >
> >Listed on ebay......7 hours remaining. No association......
> >
> >http://www.ebay.com/itm/Atlas-10XB-External-VFO-for-Alas-210X-Transceiver-/390395492318?pt=LH_DefaultDomain_0&hash=item5ae56277de
> >
> >--
> >Paul Mateer, AA9GG
> >Elan Engineering Corp.
> >www.elanengr.com
> >NAQCC 3123, SKCC 4628, FPQRP 2003Â
> >
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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830. Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-12 20:17:24 UTC
From: tsmerk
Topic: 830 Message: 830

I'm thinking about getting an Atlas 350XL, but a look at the manual seems like the 80 meter band starts at 3.7mhz. I am an Amateur Extra, so I would like to use some of the "Extra only" frequencies between 3.5 and 3.7. Can this be accomplished? The radio has the second VFO installed, but the manual suggests that the second VFO can only tune the same frequencies as the primary VFO.

What other frequencies that I might enjoy would be missing from this rig? I heard that I might be able to buy crystals to add more frequencies, but can the crystals be added to a radio that has the second VFO installed? If so, where can I purchase crystals, and which ones would be the best to add?

Sorry for so many questions, but I realy like everything else about this rig!

831. RE: [atlas_radio] Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-12 20:22:57 UTC
From: MIKE DURKIN
Topic: 830 Message: 831

Yes ....

-----Original Message-----

From: tsmerk
Sent: 12 Mar 2012 20:17:29 GMT
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Atlas 350XL Band Coverage

I'm thinking about getting an Atlas 350XL, but a look at the manual seems like the 80 meter band starts at 3.7mhz. I am an Amateur Extra, so I would like to use some of the "Extra only" frequencies between 3.5 and 3.7. Can this be accomplished? The radio has the second VFO installed, but the manual suggests that the second VFO can only tune the same frequencies as the primary VFO.

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Sorry for so many questions, but I realy like everything else about this rig!

[Non-text portions of this message have been removed]

832. Re: [atlas_radio] Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-12 20:25:34 UTC
From: Jim
Topic: 830 Message: 832

Tom,

I've never had a 350 so I can't speak with authority, but it was trivially simple to move the bands on the 210 / 215 with just a "golden screwdriver" adjustment on each band.

I cannot imagine that Atlas would have deleted this feature on the 350 -- because along with setting the band, it also allowed fine-tuning the tunable band-edge for each band.

One of the key features of the 210 / 215 was the ease with which it could be re-tuned to cover multiple nations' band allotments. This is perhaps the biggest reason you see so many Atlas radios in Europe.

74
Jim N6OTQ

>_____
> From: tsmerk <tom.smerk@...>
>To: atlas_radio@yahoogroups.com
>Sent: Monday, March 12, 2012 3:17 PM
>Subject: [atlas_radio] Atlas 350XL Band Coverage
>
>I'm thinking about getting an Atlas 350XL, but a look at the manual seems like the 80 meter band starts at 3.7mhz. I am an Amateur Extra, so I would like to use some of the "Extra only" frequencies between 3.5 and 3.7. Can this be accomplished? The radio has the second VFO installed, but the manual suggests that the second VFO can only tune the same frequencies as the primary VFO.
>
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>Sorry for so many questions, but I realy like everything else about this rig!
>
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>Yahoo! Groups Links
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833. Re: [atlas_radio] Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-12 20:35:44 UTC
From: JOHN B. KRUK
Topic: 830 Message: 833

OM,

I don't know what brochure you were looking at but the 350XL covers the FULL ham bands. It also has aux. extra crystal positions if you want to add the newer WARC coverage. I've had my 350XL for over 20 years. Mine also has the optional 305 VFO, which also covers the FULL band.

73's,

John, K3KR

ILL band. optional
----- Original Message -----
From: tsmerk
To: atlas_radio@yahoogroups.com
Sent: Monday, March 12, 2012 4:17 PM
Subject: [atlas_radio] Atlas 350XL Band Coverage

I'm thinking about getting an Atlas 350XL, but a look at the manual seems like the 80 meter band starts at 3.7mhz. I am an Amateur Extra, so I would like to use some of the "Extra only" frequencies between 3.5 and 3.7. Can this be accomplished? The radio has the second VFO installed, but the manual suggests that the second VFO can only tune the same frequencies as the primary VFO.

What other frequencies that I might enjoy would be missing from this rig? I heard that I might be able to buy crystals to add more frequencies, but can the crystals be added to a radio that has the second VFO installed? If so, where can I purchase crystals, and which ones would be the best to add?

Sorry for so many questions, but I realy like everything else about this rig!

[Non-text portions of this message have been removed]

834. Re: [atlas_radio] Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-12 23:09:28 UTC
From: Mike Williamson
Topic: 830 Message: 834

Tom,

The Atlas 350XL covers all standard pre WARC bands from 160M through 10M. It does that in 500KHz segments with the standard factory crystals installed. ie for 40M it covers from 7.0 to 7.5 MHz. Same for all of the other bands. It has 10 empty and front panel selectable aux crystal slots to cover other frequencies. However, there are limitations as far as the WARC Bands. It can cover only the 30M and 17M bands in 500 KHz segments with the right crystals added. It can't cover 12M or 60M according to the manual.

The Model 305 Aux VFO is essentially the same as the normal VFO and will allow limited split operation. The info on how to buy crystals is in the manual and is fairly simple. You could buy the crystals from ICM crystals.

The radio will also tune to the various WWV signals by playing games with the preselector and bandswitch controls. Also detailed in the standard manual.

73,
Mike
KA5DVR

From: tsmerk <tom.smerk@...>
To: atlas_radio@yahoogroups.com
Sent: Monday, March 12, 2012 2:17 PM
Subject: [atlas_radio] Atlas 350XL Band Coverage

I'm thinking about getting an Atlas 350XL, but a look at the manual seems like the 80 meter band starts at 3.7mhz. I am an Amateur Extra, so I would like to use some of the "Extra only" frequencies between 3.5 and 3.7. Can this be accomplished? The radio has the second VFO installed, but the manual suggests that the second VFO can only tune the same frequencies as the primary VFO.

What other frequencies that I might enjoy would be missing from this rig? I heard that I might be able to buy crystals to add more frequencies, but can the crystals be added to a radio that has the second VFO installed? If so, where can I purchase crystals, and which ones would be the best to add?

Sorry for so many questions, but I realy like everything else about this rig!

[Non-text portions of this message have been removed]

835. Re: [atlas_radio] Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-13 00:38:41 UTC
From: MIKE DURKIN
Topic: 830 Message: 835

It will not cover 60m ... there's is on newer modles and barely visible in the schematic.... a trap for ~5.5mhz IF ....

-----Original Message-----

From: Mike Williamson
Sent: 12 Mar 2012 23:09:30 GMT
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 350XL Band Coverage

Tom,

The Atlas 350XL covers all standard pre WARC bands from 160M through 10M. It does that in 500KHz segments with the standard factory crystals installed. ie for 40M it covers from 7.0 to 7.5 MHz. Same for all of the other bands. It has 10 empty and front panel selectable aux crystal slots to cover other frequencies. However, there are limitations as far as the WARC Bands. It can cover only the 30M and 17M bands in 500 KHz segments with the right crystals added. It can't cover 12M or 60M according to the manual.

The Model 305 Aux VFO is essentially the same as the normal VFO and will allow limited split operation. The info on how to buy crystals is in the manual and is fairly simple. You could buy the crystals from ICM crystals.

The radio will also tune to the various WWV signals by playing games with the preselector and bandswitch controls. Also detailed in the standard manual.

73,
Mike
KA5DVR

From: tsmerk <tom.smerk@...>
To: atlas_radio@yahoogroups.com
Sent: Monday, March 12, 2012 2:17 PM
Subject: [atlas_radio] Atlas 350XL Band Coverage

I'm thinking about getting an Atlas 350XL, but a look at the manual seems like the 80 meter band starts at 3.7mhz. I am an Amateur Extra, so I would like to use some of the "Extra only" frequencies between 3.5 and 3.7. Can this be accomplished? The radio has the second VFO installed, but the manual suggests that the second VFO can only tune the same frequencies as the primary VFO.

What other frequencies that I might enjoy would be missing from this rig? I heard that I might be able to buy crystals to add more frequencies, but can the crystals be added to a radio that has the second VFO installed? If so, where can I purchase crystals, and which ones would be the best to add?

Sorry for so many questions, but I realy like everything else about this rig!

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[Non-text portions of this message have been removed]

836. Re: Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-13 17:57:07 UTC
From: tsmerk
Topic: 830 Message: 836

Thank you everyone for the excellent replies. I found out that I was thinking of the Atlas 210 radio which has the 75/80 meter beginning at 3.7 instead of 3.5. You are all correct, the Atlas 350 does not have this oversight.

If I wanted to add crystals for the WARC frequencies, does each crystal cover only one frequency, such as 24.935, or will it cover a 500 khz segment? How many crystals will I need for full coverage of the WARC bands, and which ones? Last question, where can I purchase these? (There is probably a document somewhere that explains all of this, so if you could just poiont me toward this document, I'll be thankful).

I've been injoying my Atlas 210, and I'm looking forward to soon becoming the proud owner of the 350XL! I live near Oceanside, CA where these were made, and some day I plan to drive there and see if the building is still there!

--- In atlas_radio@yahoogroups.com, "JOHN B. KRUK" <jbkruk@...> wrote:
>
> OM,
>
> I don't know what brochure you were looking at but the 350XL covers the FULL ham bands. It also has aux. extra crystal positions if you want to add the newer WARC coverage. I've had my 350XL for over 20 years. Mine also has the optional 305 VFO, which also covers the FULL band.
>
> 73's,
>
> John, K3KR
>
>
> ILL band. optional
> ----- Original Message -----
> From: tsmerk
> To: atlas_radio@yahoogroups.com
> Sent: Monday, March 12, 2012 4:17 PM
> Subject: [atlas_radio] Atlas 350XL Band Coverage
>
>
>
> I'm thinking about getting an Atlas 350XL, but a look at the manual seems like the 80 meter band starts at 3.7mhz. I am an Amateur Extra, so I would like to use some of the "Extra only" frequencies between 3.5 and 3.7. Can this be accomplished? The radio has the second VFO installed, but the manual suggests that the second VFO can only tune the same frequencies as the primary VFO.
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ones would be the best to add?
>
> Sorry for so many questions, but I realy like everything else about this rig!
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

837. Re: Introduction and Help

Yahoo group: atlas_radio
Date: 2012-03-13 18:04:00 UTC
From: tsmerk
Topic: 754 Message: 837

You probably solved your problem by now, but in case someone in the future reads these messages looking for help, I though I would post a note that explains that the low mic output is probably because the microphone impedance is not high enough. Atlas radios like a high impedance mic. The Shure 444 you mention is a high impedance mic and is a good match for these radios. I use the hand held equivalent of the Shure mic, and have always gotten complementary audio reports. I keep my mic gain knob set to around 1 o'clock.

--- In atlas_radio@yahoogroups.com, "Stephen West-Fisher" <steve@...> wrote:
>
> I did wire up my desk mic and it seems a little better (Shure 444D - can you
> tell I like old stuff?). I think I'm going to have to go all through the
> radio and just check everything out. Just as soon as I finish my current
> HPSDR project.
>
>
>
> --
>
> Stephen West-Fisher
>
> N4IK
>
>
>
> From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com] On
> Behalf Of Jim
> Sent: Friday, October 21, 2011 7:15 PM
> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] Introduction and Help
>
>
>
>
>
>
> Well, one point ... the mic gain control is for RF, and applies to CW as
> well. If you want 100 watts out on CW, turn the mic gain pot to "11"
>
> Depending on EQ and impedance match, on voice you may have to turn the mic
> gain way up to get a decent signal AND audio. On-air signal reporting
> helps, and you'll need to get to arm-chair copy before you can start
> tweaking here. But you shouldn't need to blast the gain on the mic's
> built-in preamp -- if there is one -- to get 100W PEP on voice. Half way or
> 3/4 on the mic gain should give plenty of power out.
>
> If the mic has an anemic cartridge or just won't work and play well with an

> Atlas, then an EQ box should help.
>
> The ideal hook-up is to have a dynamic mic that you just plug in
> any-old-where on the radio or console and it WORKS. And a studio-grade mic
> in the shack that sounds maahh-velous on the air, but you can't take it with
> you on the road.
>
> Does this open up any new ideas?
>
> Jim N6OTQ
>
> >_____
> >From: Stephen West-Fisher <steve@...
> <mailto:steve%40coastaldatasystems.com> >
> >To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
> >Sent: Friday, October 21, 2011 6:04 PM
> >Subject: [atlas_radio] Introduction and Help
> >
> >Hi,
> >
> >My name is Steve and I've had an Atlas 210x since the mid '80s, it was my
> >first multi-band HF radio. After migrating more into AMTOR I ended up with
> >an ICOM 735, and now use a Kenwood TS-480 for various digital HF modes.
> >About the only time I use a microphone on HF is the local ARES nets.
> >
> >
> >
> >The other day the old Atlas caught my eye so I decided to bring it back in
> >service. At first I thought my microphone was bad, but plugging it into he
> >back (not using the console) it worked. So this evening I have spent hours
> >(disconnecting PO mods, disconnecting the VOX, etc.) only to find out that
> I
> >was just not pushing in and seating the radio properly L So now I get to
> >hook everything back up!
> >
> >
> >
> >Now to the problem. I pretty much have to have the mic gain all the way up
> >with my old 404c to get appropriate power out, and almost all the way up to
> >get the proper power with a key. Is this correct or pointing to something
> >that needs tuning? If tuning, could someone give me a few clues? I do have
> >the service manual, and I can build stuff but don't really understand the
> >internals of commercial radios.
> >
> >
> >
> >--
> >
> >Stephen West-Fisher
> >

> >N4IK
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838. RE: [atlas_radio] Re: Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-13 18:47:18 UTC
From: MIKE DURKIN
Topic: 830 Message: 838

Id suggest a digital VFO for any additional bands .... I used one from the AQRP group ... search for sdr2go and k5bcq ... and you should find a kit (#5 I think)

-----Original Message-----

From: tsmerk
Sent: 13 Mar 2012 17:57:12 GMT
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: Atlas 350XL Band Coverage

Thank you everyone for the excellent replies. I found out that I was thinking of the Atlas 210 radio which has the 75/80 meter beginning at 3.7 instead of 3.5. You are all correct, the Atlas 350 does not have this oversight.

If I wanted to add crystals for the WARC frequencies, does each crystal cover only one frequency, such as 24.935, or will it cover a 500 khz segment? How many crystals will I need for full coverage of the WARC bands, and which ones? Last question, where can I purchase these? (There is probably a document somewhere that explains all of this, so if you could just poiont me toward this document, I'll be thankful).

I've been injoying my Atlas 210, and I'm looking forward to soon becoming the proud owner of the 350XL! I live near Oceanside, CA where these were made, and some day I plan to drive there and see if the building is still there!

--- In atlas_radio@yahoogroups.com, "JOHN B. KRUK" <jbkruk@...> wrote:
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> OM,
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> I don't know what brochure you were looking at but the 350XL covers the FULL ham bands. It also has aux. extra crystal positions if you want to add the newer WARC coverage. I've had my 350XL for over 20 years. Mine also has the optional 305 VFO, which also covers the FULL band.
>
> 73's,
>
> John, K3KR
>
>
> ILL band. optional
> ----- Original Message -----
> From: tsmerk
> To: atlas_radio@yahoogroups.com
> Sent: Monday, March 12, 2012 4:17 PM
> Subject: [atlas_radio] Atlas 350XL Band Coverage
>
>

>
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> What other frequencies that I might enjoy would be missing from this rig? I heard that I might be able to buy crystals to add more frequencies, but can the crystals be added to a radio that has the second VFO installed? If so, where can I purchase crystals, and which ones would be the best to add?
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> Sorry for so many questions, but I realy like everything else about this rig!
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839. Re: [atlas_radio] Re: Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-13 18:50:19 UTC
From: Mike Williamson
Topic: 830 Message: 839

Tom,

Most of the questions you ask are answered in the 350XL manual.
It will tell you, in a chart, that indicates the 500KHz coverage what crystal frequency to get. It also specifies what type of crystal to get.

Regards to WARC coverage, the 350XL will ONLY cover the 30M and the 17M bands. No 60M or 12M bands. The manual will tell you where the radio will not operate.

ICM in Oklahoma makes crystals along with some other folks. ICM, I think, stands for International Crystal Manufacturing.

Best of luck with the radio when you get it. Get it on the Swan Net on Sunday afternoon along with the 210X.

73
Mike
KA5DVR

From: tsmerk <tom.smerk@...>
To: atlas_radio@yahoogroups.com
Sent: Tuesday, March 13, 2012 11:57 AM
Subject: [atlas_radio] Re: Atlas 350XL Band Coverage

Thank you everyone for the excellent replies. I found out that I was thinking of the Atlas 210 radio which has the 75/80 meter beginning at 3.7 instead of 3.5. You are all correct, the Atlas 350 does not have this oversight.

If I wanted to add crystals for the WARC frequencies, does each crystal cover only one frequency, such as 24.935, or will it cover a 500 khz segment? How many crystals will I need for full coverage of the WARC bands, and which ones? Last question, where can I purchase these? (There is probably a document somewhere that explains all of this, so if you could just poiont me toward this document, I'll be thankful).

I've been injoying my Atlas 210, and I'm looking forward to soon becoming the proud owner of the 350XL! I live near Oceanside, CA where these were made, and some day I plan to drive there and see if the building is still there!

--- In atlas_radio@yahoogroups.com, "JOHN B. KRUK" <jbkruk@...> wrote:
>
> OM,
>
> I don't know what brochure you were looking at but the 350XL covers the FULL ham bands. It also has aux. extra crystal positions if you want to add the newer WARC coverage. I've had my 350XL for over 20 years. Mine also has the optional 305 VFO, which also covers the FULL band.
>

> 73's,
>
> John, K3KR
>
>
> ILL band. optional
> ----- Original Message -----
> From: tsmerk
> To: atlas_radio@yahoogroups.com
> Sent: Monday, March 12, 2012 4:17 PM
> Subject: [atlas_radio] Atlas 350XL Band Coverage
>
>
>
> I'm thinking about getting an Atlas 350XL, but a look at the manual seems like the 80 meter band starts at 3.7mhz. I am an Amateur Extra, so I would like to use some of the "Extra only" frequencies between 3.5 and 3.7. Can this be accomplished? The radio has the second VFO installed, but the manual suggests that the second VFO can only tune the same frequencies as the primary VFO.
>
> What other frequencies that I might enjoy would be missing from this rig? I heard that I might be able to buy crystals to add more frequencies, but can the crystals be added to a radio that has the second VFO installed? If so, where can I purchase crystals, and which ones would be the best to add?
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>
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> [Non-text portions of this message have been removed]
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840. Re: Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-13 20:11:06 UTC
From: tsmerk
Topic: 830 Message: 840

Yes, I have downloaded and read the manual, but I'm not exactly sure what it means at times, so that is why I like groups like this to turn to for help. The manual says that a crystal covers a 500khz band spread, so to me, that means that two crystals should cover the entire band, or in the case of some small bands, one crystal. If that's the case, then the 10 crystals that the radio holds shoulc cover all of the new bands. But now you tell me that there is no option for the 60m and the 12m bands, so that is good to know. I'm not sure that I am really missing anything by not having the new bands. I imagine that there are still a lot of hams out there using older equipment, so they won't have the WARC frequencies either. There seems to be enough happening on 80, 40 and 20 alone to keep me happy. I have never heard much on 10 or 15 meters. Maybe it is my antenna, a sloper dipole. It will be nice to have the 160 meter band - that band was missing from my 210. And I will be especially happy to have the "whole" 75/80 meter band. My Atlas 210 starts at 3.7 instead of 3.5, and I have ofter heard conversations moving to the lower freqs and I was unable to move there with them, even though my extra class license allows me to operate the lower portion of the band!

And thanks for the tip on the Swan net. From the invite, I assume that the net is open to any of the older rigs, not just Swan?

--- In atlas_radio@yahoogroups.com, Mike Williamson <rvd151a0k0@...> wrote:
>
> Tom,
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> Regards to WARC coverage, theÂ 350XL will ONLY cover the 30M and the 17M bands.Â No 60M or 12M bands.Â The manual will tell you where the radio will not operate.
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> ICM in Oklahoma makes crystals along with some other folks. ICM, I think, stands for International Crystal Manufacturing.
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> Best of luck with the radio when you get it.Â Get it on the Swan Net on Sunday afternoon along with the 210X.
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> 73
> Mike
> KA5DVR
>
> From: tsmerk <tom.smerk@...>
> To: atlas_radio@yahoogroups.com
> Sent: Tuesday, March 13, 2012 11:57 AM
> Subject: [atlas_radio] Re: Atlas 350XL Band Coverage
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> > ----- Original Message -----
> > From: tsmerk
> > To: atlas_radio@yahoogroups.com
> > Sent: Monday, March 12, 2012 4:17 PM
> > Subject: [atlas_radio] Atlas 350XL Band Coverage
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841. Re: [atlas_radio] Re: Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-13 20:20:24 UTC
From: Bill Cromwell
Topic: 830 Message: 841

From: tsmerk <tom.smerk@...>
To: atlas_radio@yahoogroups.com
Sent: Tuesday, March 13, 2012 4:11 PM
Subject: [atlas_radio] Re: Atlas 350XL Band Coverage

Yes, I have downloaded and read the manual, but I'm not exactly sure what it means at times, so that is why I like groups like this to turn to for help. The manual says that a crystal covers a 500khz band spread, so to me, that means that two crystals should cover the entire band, or in the case of some small bands, one crystal. If that's the case, then the 10 crystals that the radio holds shoulc cover all of the new bands. But now you tell me that there is no option for the 60m and the 12m bands, so that is good to know. I'm not sure that I am really missing anything by not having the new bands. I imagine that there are still a lot of hams out there using older equipment, so they won't have the WARC frequencies either. There seems to be enough happening on 80, 40 and 20 alone to keep me happy. I have never heard much on 10 or 15 meters. Maybe it is my antenna, a sloper dipole. It will be nice to have the 160 meter band - that band was missing from my
210. And I will be especially happy to have the "whole" 75/80 meter band. My Atlas 210 starts at 3.7 instead of 3.5, and I have ofter heard conversations moving to the lower freqs and I was unable to move there with them, even though my extra class license allows me to operate the lower portion of the band!

And thanks for the tip on the Swan net. From the invite, I assume that the net is open to any of the older rigs, not just Swan?

--- In atlas_radio@yahoogroups.com, Mike Williamson <rvd151a0k0@...> wrote:

Hi Tom..Everybody,

The 60 meter band falls to close to the I.F. in the radio and trying to operate there would put all kinds of spurious signals on the air. I haven't looked at the manual for the 350 but I'm suspicious that one of the xtal or VFO products would cause the same kind of trouble on 12 meters.

My Atlas is a 180 that includes the 160 meter band and goes up through twenty meters (no WARC). It does the 80/75 meter band in two chunks so it does cover that whole band. Ten meters is the only band that a single xtal won't cover from end to end if you have 500 kHz band segments (VFO range).

73,

Bill KU8H

[Non-text portions of this message have been removed]

842. Re: [atlas_radio] Re: Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-13 22:36:10 UTC
From: Mike Williamson
Topic: 830 Message: 842

Tom,

Each crystal allows 500 KHz. The 10M band has 4 installed crystals covering from 28.0 to 30.0 MHz as an example.

I don't have the WARC band crystals installed in my 350XLs as of yet and there is plenty of action on the standard bands.

The Swan family of radios includes: Swan, Cubic, Atlas, Alda and Siltronics. So anybody is welcome to stop by and join in with any radio.

73,
Mike
KA5DVR

From: tsmerk <tom.smerk@...>
To: atlas_radio@yahoogroups.com
Sent: Tuesday, March 13, 2012 2:11 PM
Subject: [atlas_radio] Re: Atlas 350XL Band Coverage

Yes, I have downloaded and read the manual, but I'm not exactly sure what it means at times, so that is why I like groups like this to turn to for help. The manual says that a crystal covers a 500khz band spread, so to me, that means that two crystals should cover the entire band, or in the case of some small bands, one crystal. If that's the case, then the 10 crystals that the radio holds shoulc cover all of the new bands. But now you tell me that there is no option for the 60m and the 12m bands, so that is good to know. I'm not sure that I am really missing anything by not having the new bands. I imagine that there are still a lot of hams out there using older equipment, so they won't have the WARC frequencies either. There seems to be enough happening on 80, 40 and 20 alone to keep me happy. I have never heard much on 10 or 15 meters. Maybe it is my antenna, a sloper dipole. It will be nice to have the 160 meter band - that band was missing from my
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> Â

> Regards to WARC coverage, theÂ 350XL will ONLY cover the 30M and the 17M bands.Â No 60M or 12M bands.Â The manual will tell you where the radio will not operate.
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> 73
> Mike
> KA5DVR
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> From: tsmerk <tom.smerk@...>
> To: atlas_radio@yahoogroups.com
> Sent: Tuesday, March 13, 2012 11:57 AM
> Subject: [atlas_radio] Re: Atlas 350XL Band Coverage
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> If I wanted to add crystals for the WARC frequencies, does each crystal cover only one frequency, such as 24.935, or will it cover a 500 khz segment? How many crystals will I need for full coverage of the WARC bands, and which ones? Last question, where can I purchase these? (There is probably a document somewhere that explains all of this, so if you could just poiont me toward this document, I'll be thankful).
>
> I've been injoying my Atlas 210, and I'm looking forward to soon becoming the proud owner of the 350XL! I live near Oceanside, CA where these were made, and some day I plan to drive there and see if the building is still there!
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> > I don't know what brochure you were looking at but the 350XL covers the FULL ham bands. It also has aux. extra crystal positions if you want to add the newer WARC coverage. I've had my 350XL for over 20 years. Mine also has the optional 305 VFO, which also covers the FULL band.
> >
> > 73's,
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> > John, K3KR
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> >
> > ILL band. optional
> > ----- Original Message -----

> > From: tsmerk
> > To: atlas_radio@yahoogroups.com
> > Sent: Monday, March 12, 2012 4:17 PM
> > Subject: [atlas_radio] Atlas 350XL Band Coverage
> >
> >
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> > I'm thinking about getting an Atlas 350XL, but a look at the manual seems like the 80 meter band starts at 3.7mhz. I am an Amateur Extra, so I would like to use some of the "Extra only" frequencies between 3.5 and 3.7. Can this be accomplished? The radio has the second VFO installed, but the manual suggests that the second VFO can only tune the same frequencies as the primary VFO.
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> > [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

843. Re: Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-14 16:40:27 UTC
From: tsmerk
Topic: 830 Message: 843

Does anyone have a list of the crystals I would need to add to tune in the WARC bands (or at least the ones that are possible to add)? Also, I still haven't heard of a source for these crystals - let me know if you have a favorite place you order from.

--- In atlas_radio@yahoogroups.com, Mike Williamson <rvd151a0k0@...> wrote:
>
> Each crystal allows 500 KHz.Â The 10M band has 4 installed crystals covering from 28.0 to 30.0 MHz as an example.
> Mike
> KA5DVR

844. Re: Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-15 21:32:22 UTC
From: tsmerk
Topic: 830 Message: 844

If I want to add crystals to an Atlas 350XL for the WARC bands, should I buy a crystal that is "centered" on the band width, or does the crystal begin at the beginning of the band and go up from there? For example, if I want to add the 17 meter band, which is 18.068-18.168, should I buy the 29.168 crystal which is equivalent to the beginning of the band, or should I buy the 29.128 crystal, which is centered on the band? Or is the 29.1 crystal the only one available, and it should cover the whole band? The list of crystals on page 8 of the 350XL manual says to add the 29.1 crystal for coverage from 18.0 to 18.5 and the next crystal listed is 29.6 which covers 18.5 to 19.0, which is way higher than the 17 meter band?

I'm thinking that I only need 2 crystals: 29.1 for the 17 meter band and 21.1 for the 30 meter band. Apparantly, the 12 meter band is not possible because the chart on page 8 says "no operation 23 to 28 MHz.

Your thoughts?

--- In atlas_radio@yahoogroups.com, "tsmerk" <tom.smerk@...> wrote:
>
> Does anyone have a list of the crystals I would need to add to tune in the WARC bands (or at least the ones that are possible to add)? Also, I still haven't heard of a source for these crystals - let me know if you have a favorite place you order from.
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> --- In atlas_radio@yahoogroups.com, Mike Williamson <rvd151a0k0@> wrote:
> >
> > Each crystal allows 500 KHz.Â The 10M band has 4 installed crystals covering from 28.0 to 30.0 MHz as an example.
> > Mike
> > KA5DVR
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845. Re: [atlas_radio] Re: Atlas 350XL Band Coverage

Yahoo group: atlas_radio
Date: 2012-03-16 00:43:09 UTC
From: Bill Cromwell
Topic: 830 Message: 845

Hi,

Use the 29.1 xtal and get coverage from 18.0 to 18.5. Your xtal marker will be more useful and you will find yourself wanting to set your dial to 18.000 for the band edge and not have 18.068 showing you 18.000.

I don't have to make decisions like that with my Atlas 180 but on another rig I do have coverage starting at 18.000 and 10.000 so that my dial and calibrator fall into line with my own normal usage. Xtals coat in the neighborhood of twenty bucks. I have a lot of surplus xtals laying around that I could have tacked into my rig and got coverage of the WARC bands but the dial would have just been all over the place. It's worth the money for the right crystal to have the new bands operate the same way all the others do.

Your mileage may vary.

73,

Bill KU8H

From: tsmerk <tom.smerk@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, March 15, 2012 5:32 PM
Subject: [atlas_radio] Re: Atlas 350XL Band Coverage

If I want to add crystals to an Atlas 350XL for the WARC bands, should I buy a crystal that is "centered" on the band width, or does the crystal begin at the beginning of the band and go up from there? For example, if I want to add the 17 meter band, which is 18.068-18.168, should I buy the 29.168 crystal which is equivalent to the beginning of the band, or should I buy the 29.128 crystal, which is centered on the band? Or is the 29.1 crystal the only one available, and it should cover the whole band? The list of crystals on page 8 of the 350XL manual says to add the 29.1 crystal for coverage from 18.0 to 18.5 and the next crystal listed is 29.6 which covers 18.5 to 19.0, which is way higher than the 17 meter band?

I'm thinking that I only need 2 crystals: 29.1 for the 17 meter band and 21.1 for the 30 meter band. Apparantly, the 12 meter band is not possible because the chart on page 8 says "no operation 23 to 28 MHz.

Your thoughts?

--- In atlas_radio@yahoogroups.com, "tsmerk" <tom.smerk@...> wrote:
Messages in this topic (14)
Recent Activity:
Visit Your Group

Switch to: Text-Only, Daily Digest • Unsubscribe • Terms of Use
.

[Non-text portions of this message have been removed]

846. 350XL 17 meter band

Yahoo group: atlas_radio
Date: 2012-04-01 19:20:57 UTC
From: Glenn
Topic: 846 Message: 846

Has anyone purchased a crystal for 18.000 to 18.500 coverage. If so, was it successful. Where did you purchase it... address, tele. number, etc. Also the part or style number of the crystal you purchased. Ive noticed a lot of info about the crystal but nothing with the specific ordering information.

847. Re: [atlas_radio] 350XL 17 meter band

Yahoo group: atlas_radio
Date: 2012-04-01 19:55:35 UTC
From: JOHN B. KRUK
Topic: 846 Message: 847

OM,

Yes, I got one several years ago, it worked fine. I don't remember the details, but I probably have an entry in my log. I'm sure I used the specs in the manual when I ordered it.

GL & 73's

John, K3KR

----- Original Message -----
From: Glenn
To: atlas_radio@yahoogroups.com
Sent: Sunday, April 01, 2012 3:20 PM
Subject: [atlas_radio] 350XL 17 meter band

Has anyone purchased a crystal for 18.000 to 18.500 coverage. If so, was it successful. Where did you purchase it... address, tele. number, etc. Also the part or style number of the crystal you purchased. Ive noticed a lot of info about the crystal but nothing with the specific ordering information.

[Non-text portions of this message have been removed]

848. 210X fix

Yahoo group: atlas_radio
Date: 2012-04-01 21:37:57 UTC
From: ad5ez
Topic: 848 Message: 848

I have a 210x which the receive side on the meter not working, and is only putting out around 2 watts. Where can I have this fixed at?
Sent from my iPhone

849. Atlas 350-XL Question

Yahoo group: atlas_radio
Date: 2012-04-10 16:17:00 UTC
From: tsmerk
Topic: 849 Message: 849

In the Atlas 350-XL Operation and Maintenance manual on page 47, under item 2, "Preselector Coils" - it reads: "Peak PRESELECT coils for maximum output reading. By advancing mic gain or TX DRIVE in later models to full clockwise position, full transmitter output power will be achieved. A well matched 52 ohm load will draw 24 to 30 amps on the first five bands and 2 to 24 amps on the 28.3MHz band. Power output should be a minimum 160 watts on the first 5 bands . . ."

I want to ask two questions about this. (1) This sounds like an adjustment of the preselector coils can have an effect on output power. What are your thoughts on this, and has anybody done this and noticed an increase n power? (2) Before blindly attempting something that is not described step-by-step, is there any particular procedure to follow? IThere are two coils for each band. I envision that I would adjust the one on the left, then the one on the right, looking for an increase on the amps meter, then repeat the process until no further adjustment is necessary. Let me know if there is anything that I should watch out for. I am fairly comfortable doing this as I have sucessfully tweaked CDs to proper order in the `70's, but I still want to proceed with caution and not take a chance to make anything worse than what it is.

My reason for wanting to do this is because my 350-XL is not putting out much less output power than the expected 160 watts (I mainly use 75/80 meters).

Thnaks in advance for your help!

850. Question about Turner SSB +2 desk mic wiring (Used with Atlas 350-XL)

Yahoo group: atlas_radio
Date: 2012-04-10 16:18:17 UTC
From: tsmerk
Topic: 850 Message: 850

Although my question is not specifically about an Atlas transceiver, it is about a Turner SSB +2 desk mic, which is a popular mic for use with this rig, so I hope that you can help. As my mic is getting older, the wire are coming off from the internal PTT switch. There are two switches nside the mic - one has red wires connected and the other, the one that I am asking about, is the one that connects the audio from the mic element.

There are three wires off, and I don't know where they go. I have another identical mic, so I opened it up to write down the connection information, but I found that the audio PTT switch in my working mic has three connections while the one in the broken mic has four connections, and the arrangement seems to be different.

Would any of you perhaps have a wiring diagram for the inside of this Turner SSB +2 mic? If not, can you guide me to a source for this information? I have conducted over a dozen different Internet searches, and can't find what I am looking for - all the info seems to be about how to wire the plug, or about other Turner mics such as the +3, which is different.

What I am hoping someone could tell me is one-by-one, from top to bottom, what wire connects to each tab of the audio PTT switch. If any of you have SSB +2 mic with a a 4-wire switch, could you look inside and write this down for me?

Thank you in advance. This group has been an excellent resource to me, especially now that the Atlas rigs are getting old and require closer attention!

851. Re: Question about Turner SSB +2 desk mic wiring (Used with Atlas 350-XL)

Yahoo group: atlas_radio
Date: 2012-04-10 16:28:26 UTC
From: Paul Mateer
Topic: 850 Message: 851

Take a look here: http://www.ericbraun.com/turner/Turner%20Mic%20Wiring.pdf

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

[Non-text portions of this message have been removed]

852. RE: [atlas_radio] Atlas 350-XL Question

Yahoo group: atlas_radio
Date: 2012-04-10 16:53:19 UTC
From: MIKE DURKIN
Topic: 849 Message: 852

Did you post this Q to the 350XL forum?

-----Original Message-----

From: tsmerk
Sent: 10 Apr 2012 16:17:07 GMT
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Atlas 350-XL Question

In the Atlas 350-XL Operation and Maintenance manual on page 47, under item 2, "Preselector Coils" - it reads: "Peak PRESELECT coils for maximum output reading. By advancing mic gain or TX DRIVE in later models to full clockwise position, full transmitter output power will be achieved. A well matched 52 ohm load will draw 24 to 30 amps on the first five bands and 2 to 24 amps on the 28.3MHz band. Power output should be a minimum 160 watts on the first 5 bands . . ."

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Thnaks in advance for your help!

[Non-text portions of this message have been removed]

853. Re: [atlas_radio] Atlas 350-XL Question

Yahoo group: atlas_radio
Date: 2012-04-10 17:42:18 UTC
From: Mike Williamson
Topic: 849 Message: 853

Tom,

The preselector coils will definately have an effect on the TX output power and the RX as well. I don't use the TX as a source, but use a signal generator and watch the S Meter. The preselector coils are used in both TX and RX functions. BE CAREFULL with the coils as the slug can stick with age and too much force can crack them. I personally like to peak up on the same frequency for both coils. The advantage is a better resonance in RX and a cleaner signal in TX. The disadvantage is operating split or moving around a band. You may have to repeak the panel preselector control when moving up and down the band.

If you don't have a sig gen, the built in calibrator can be used, but you have to be real quick or its level will decrease if left on too long.

If your power output is way below the rated power output, the problem could be elsewhere. Let me know and we can take it off list.

73,
Mike
KA5DVR

From: tsmerk <tom.smerk@...>
To: atlas_radio@yahoogroups.com
Sent: Tuesday, April 10, 2012 10:17 AM
Subject: [atlas_radio] Atlas 350-XL Question

In the Atlas 350-XL Operation and Maintenance manual on page 47, under item 2, "Preselector Coils" - it reads: "Peak PRESELECT coils for maximum output reading. By advancing mic gain or TX DRIVE in later models to full clockwise position, full transmitter output power will be achieved. A well matched 52 ohm load will draw 24 to 30 amps on the first five bands and 2 to 24 amps on the 28.3MHz band. Power output should be a minimum 160 watts on the first 5 bands . . ."

I want to ask two questions about this. (1) This sounds like an adjustment of the preselector coils can have an effect on output power. What are your thoughts on this, and has anybody done this and noticed an increase n power? (2) Before blindly attempting something that is not described step-by-step, is there any particular procedure to follow? IThere are two coils for each band. I envision that I would adjust the one on the left, then the one on the right, looking for an increase on the amps meter, then repeat the process until no further adjustment is necessary. Let me know if there is anything that I should watch out for. I am fairly comfortable doing this as I have sucessfully tweaked CDs to proper order in the `70's, but I still want to proceed with caution and not take a chance to make anything worse than what it is.

My reason for wanting to do this is because my 350-XL is not putting out much less output power than the expected 160 watts (I mainly use 75/80 meters).

Thnaks in advance for your help!

[Non-text portions of this message have been removed]

854. RE: [atlas_radio] Atlas 350-XL Question

Yahoo group: atlas_radio
Date: 2012-04-10 17:55:10 UTC
From: MIKE DURKIN
Topic: 849 Message: 854

Id love to see it on the 350XL group ....
To: atlas_radio@yahoogroups.com
From: rvd151a0k0@...
Date: Tue, 10 Apr 2012 10:42:18 -0700
Subject: Re: [atlas_radio] Atlas 350-XL Question

Tom,

The preselector coils will definately have an effect on the TX output power and the RX as well. I don't use the TX as a source, but use a signal generator and watch the S Meter. The preselector coils are used in both TX and RX functions. BE CAREFULL with the coils as the slug can stick with age and too much force can crack them. I personally like to peak up on the same frequency for both coils. The advantage is a better resonance in RX and a cleaner signal in TX. The disadvantage is operating split or moving around a band. You may have to repeak the panel preselector control when moving up and down the band.

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73,

Mike

KA5DVR

From: tsmerk <tom.smerk@...>

To: atlas_radio@yahoogroups.com

Sent: Tuesday, April 10, 2012 10:17 AM

Subject: [atlas_radio] Atlas 350-XL Question

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My reason for wanting to do this is because my 350-XL is not putting out much less output power than the expected 160 watts (I mainly use 75/80 meters).

Thnaks in advance for your help!

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

855. Re: Atlas 350-XL Question

Yahoo group: atlas_radio
Date: 2012-04-10 19:02:36 UTC
From: tsmerk
Topic: 849   Message: 855

I didn't know there was a group specifically for the 350-XL - I'll go join it right now!
Thank you.

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
>
> Id love to see it on the 350XL group ....
> To: atlas_radio@yahoogroups.com
> From: rvd151a0k0@...
> Date: Tue, 10 Apr 2012 10:42:18 -0700
> Subject: Re: [atlas_radio] Atlas 350-XL Question
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> If your power output is way below the rated power output, the problem could be elsewhere. Let me know and we can take it off list.
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>
> 73,
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> Mike
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> KA5DVR
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>
> From: tsmerk <tom.smerk@...>
>
> To: atlas_radio@yahoogroups.com
>
> Sent: Tuesday, April 10, 2012 10:17 AM
>
> Subject: [atlas_radio] Atlas 350-XL Question
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> Thnaks in advance for your help!
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856. Re: Atlas 350-XL Question

Yahoo group: atlas_radio
Date: 2012-04-10 19:08:13 UTC
From: tsmerk
Topic: 849 Message: 856

What do you mean about the built in calibrator, do you mean the amps meter?

Please email me at tom@... as I'd like to discuss the details and get you opinion. I'll try not to take advantage of your good nature and willingnes to help!

--- In atlas_radio@yahoogroups.com, Mike Williamson <rvd151a0k0@...> wrote:
>
> Tom,
> Â
> The preselector coils will definately have an effect on the TX output power and the RX as well.Â I don't use the TX as a source, but use a signal generator and watch the S Meter.Â The preselector coils are used in both TX and RX functions.Â BE CAREFULL with the coils as the slug can stick with age and too much force can crack them. I personally like to peak up on the same frequency for both coils.Â The advantage is a better resonance in RX and a cleaner signal in TX.Â The disadvantage is operating split or moving around a band. You may have to repeak the panel preselector control when moving up and down the band.Â
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> If your power output is way below the rated power output, the problem could be elsewhere.Â Let me know and we can take it offÂ list.
> Â
> 73,
> Mike
> KA5DVR
> Â
> Â
>
> From: tsmerk <tom.smerk@...>
> To: atlas_radio@yahoogroups.com
> Sent: Tuesday, April 10, 2012 10:17 AM
> Subject: [atlas_radio] Atlas 350-XL Question
>
>
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> In the Atlas 350-XL Operation and Maintenance manual on page 47, under item 2, "Preselector Coils" - it reads: "Peak PRESELECT coils for maximum output reading. By advancing mic gain or TX DRIVE in later models to full clockwise position, full transmitter output power will be achieved. A well matched 52 ohm load will draw 24 to 30 amps on the first five bands and 2 to 24 amps on the 28.3MHz band. Power output should be a minimum 160 watts on the first 5 bands . . ."
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> My reason for wanting to do this is because my 350-XL is not putting out much less output power than the expected 160 watts (I mainly use 75/80 meters).
>
> Thnaks in advance for your help!
>
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> [Non-text portions of this message have been removed]
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857. Re: Question about Turner SSB +2 desk mic wiring (Used with Atlas 350-XL)

Yahoo group: atlas_radio
Date: 2012-04-10 19:11:37 UTC
From: tsmerk
Topic: 850 Message: 857

Yes, I have seen this document, and I was unable to find the information there. If id did cover what I was looking for, I must have missed it. Thanks for the reply!

--- In atlas_radio@yahoogroups.com, Paul Mateer <paul.aa9gg@...> wrote:
>
> Take a look here: http://www.ericbraun.com/turner/Turner%20Mic%20Wiring.pdf
>
>
> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com
> NAQCC 3123, SKCC 4628, FPQRP 2003
>
>
> [Non-text portions of this message have been removed]
>

858. RE: [atlas_radio] Re: Atlas 350-XL Question

Yahoo group: atlas_radio
Date: 2012-04-10 20:22:16 UTC
From: MIKE DURKIN
Topic: 849 Message: 858

Its next to the Amps/Rf switch .... left side of the radio - second in on the right of the set of switches above the volume knob....

Mike KC7NOA

-----Original Message-----

From: tsmerk
Sent: 10 Apr 2012 19:08:18 GMT
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: Atlas 350-XL Question

What do you mean about the built in calibrator, do you mean the amps meter?

Please email me at tom@... as I'd like to discuss the details and get you opinion. I'll try not to take advantage of your good nature and willingnes to help!

--- In atlas_radio@yahoogroups.com, Mike Williamson <rvd151a0k0@...> wrote:
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> Tom,
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> Mike
> KA5DVR
> Â
> Â
>
> From: tsmerk <tom.smerk@...>
> To: atlas_radio@yahoogroups.com
> Sent: Tuesday, April 10, 2012 10:17 AM
> Subject: [atlas_radio] Atlas 350-XL Question
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

859. RE: [atlas_radio] Re: Atlas 350-XL Question

Yahoo group: atlas_radio
Date: 2012-04-10 20:25:11 UTC
From: MIKE DURKIN
Topic: 849 Message: 859

With it switched up ... spin around the band till you find a strong birdie.... don't remember the bandwidth between the multiple birdies you'll find (unless the crystal died)

Mike KC7NOA

-----Original Message-----

From: tsmerk
Sent: 10 Apr 2012 19:08:18 GMT
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: Atlas 350-XL Question

What do you mean about the built in calibrator, do you mean the amps meter?

Please email me at tom@tomsmerk.com as I'd like to discuss the details and get you opinion. I'll try not to take advantage of your good nature and willingnes to help!

--- In atlas_radio@yahoogroups.com, Mike Williamson <rvd151a0k0@...> wrote:
>
> Tom,
> Â
> The preselector coils will definately have an effect on the TX output power and the RX as well.Â I don't use the TX as a source, but use a signal generator and watch the S Meter.Â The preselector coils are used in both TX and RX functions.Â BE CAREFULL with the coils as the slug can stick with age and too much force can crack them. I personally like to peak up on the same frequency for both coils.Â The advantage is a better resonance in RX and a cleaner signal in TX.Â The disadvantage is operating split or moving around a band. You may have to repeak the panel preselector control when moving up and down the band.Â
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> Mike
> KA5DVR
> Â
> Â
>
> From: tsmerk <tom.smerk@...>
> To: atlas_radio@yahoogroups.com
> Sent: Tuesday, April 10, 2012 10:17 AM
> Subject: [atlas_radio] Atlas 350-XL Question
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> Thnaks in advance for your help!
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> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

860. Re: Atlas 350-XL Question

Yahoo group: atlas_radio
Date: 2012-04-14 04:00:18 UTC
From: tsmerk
Topic: 849 Message: 860

Never mind, I found it. It was right in front of my eyes! Now who would have thought to look there!

--- In atlas_radio@yahoogroups.com, "tsmerk" <tom.smerk@...> wrote:
>
> What do you mean about the built in calibrator, do you mean the amps meter?
>
> Please email me at tom@... as I'd like to discuss the details and get you opinion. I'll try not to take advantage of your good nature and willingnes to help!
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> --- In atlas_radio@...m, Mike Williamson <rvd151a0k0@> wrote:
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> > Tom,
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> > 73,
> > Mike
> > KA5DVR
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> >
> > From: tsmerk <tom.smerk@>
> > To: atlas_radio@yahoogroups.com
> > Sent: Tuesday, April 10, 2012 10:17 AM
> > Subject: [atlas_radio] Atlas 350-XL Question
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> > Thnaks in advance for your help!
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> >
> > [Non-text portions of this message have been removed]
> >
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861. Headphone Impedance

Yahoo group: atlas_radio
Date: 2012-04-14 04:08:22 UTC
From: tsmerk
Topic: 861 Message: 861

I have a pair of monaural headphone that measure 5 ohms from tip to sleeve, My Atlas 350-XL manual says to add a one watt resistor in series to bring the impedance to about 2000 ohms. By series, do they mean to disconnect the wire from the tip and put the resistor in between the positive lead and the tip connector? I figure that it needs something because right now it is unbearably loud (but I can hear things I never though I could hear before!)

862. RE: [atlas_radio] Re: Atlas 350-XL Question

Yahoo group: atlas_radio
Date: 2012-04-14 04:10:57 UTC
From: MIKE DURKIN
Topic: 849 Message: 862

Lol ....

-----Original Message-----

From: tsmerk
Sent: 14 Apr 2012 04:00:24 GMT
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: Atlas 350-XL Question

Never mind, I found it. It was right in front of my eyes! Now who would have thought to look there!

--- In atlas_radio@yahoogroups.com, "tsmerk" <tom.smerk@...> wrote:
>
> What do you mean about the built in calibrator, do you mean the amps meter?
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> Please email me at tom@... as I'd like to discuss the details and get you opinion. I'll try not to take advantage of your good nature and willingnes to help!
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> > Tom,
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> > 73,
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> >
> > From: tsmerk <tom.smerk@>
> > To: atlas_radio@yahoogroups.com
> > Sent: Tuesday, April 10, 2012 10:17 AM

> > Subject: [atlas_radio] Atlas 350-XL Question
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> >
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> > [Non-text portions of this message have been removed]
> >
>

[Non-text portions of this message have been removed]

863. Old style tip plugs

Yahoo group: atlas_radio
Date: 2012-04-14 04:11:11 UTC
From: tsmerk
Topic: 863 Message: 863

I want to power my SWR/Power meter from the 14 volt jack on the back of my Atlas 350-XL, but it uses the old style "tip" connector, which is just a single wire. Where do I get the negative polarity, from the ground post?

864. Re: Atlas 350-XL Question

Yahoo group: atlas_radio
Date: 2012-04-14 04:13:18 UTC
From: tsmerk
Topic: 849 Message: 864

Right, I found it - thanks, Mike.

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
> Its next to the Amps/Rf switch .... left side of the radio - second in on the right of the set of switches above the volume knob....
>
> Mike KC7NOA
>
> -----Original Message-----
>
> From: tsmerk
> Sent: 10 Apr 2012 19:08:18 GMT
> To: atlas_radio@yahoogroups.com
> Subject: [atlas_radio] Re: Atlas 350-XL Question
>
> What do you mean about the built in calibrator, do you mean the amps meter?
>
> Please email me at tom@... as I'd like to discuss the details and get you opinion. I'll try not to take advantage of your good nature and willingnes to help!
>
> --- In atlas_radio@yahoogroups.com, Mike Williamson <rvd151a0k0@> wrote:
> >
> > Tom,
> > Ã☐
> > The preselector coils will definately have an effect on the TX output power and the RX as well.Ã☐ I don't use the TX as a source, but use a signal generator and watch the S Meter.Ã☐ The preselector coils are used in both TX and RX functions.Ã☐ BE CAREFULL with the coils as the slug can stick with age and too much force can crack them. I personally like to peak up on the same frequency for both coils.Ã☐ The advantage is a better resonance in RX and a cleaner signal in TX.Ã☐ The disadvantage is operating split or moving around a band. You may have to repeak the panel preselector control when moving up and down the band.Ã☐
> > Ã☐
> > If you don't have a sig gen, the built in calibrator can be used, but you have to be real quick or its level will decrease if left on too long.
> > Ã☐
> > If your power output is way below the rated power output, the problem could be elsewhere.Ã☐ Let me know and we can take it offÃ☐ list.
> > Ã☐
> > 73,
> > Mike
> > KA5DVR
> > Ã☐
> > Ã☐
> >

> > From: tsmerk <tom.smerk@>
> > To: atlas_radio@yahoogroups.com
> > Sent: Tuesday, April 10, 2012 10:17 AM
> > Subject: [atlas_radio] Atlas 350-XL Question
> >
> >
> > Ã□
> > In the Atlas 350-XL Operation and Maintenance manual on page 47, under item 2, "Preselector Coils" - it reads: "Peak PRESELECT coils for maximum output reading. By advancing mic gain or TX DRIVE in later models to full clockwise position, full transmitter output power will be achieved. A well matched 52 ohm load will draw 24 to 30 amps on the first five bands and 2 to 24 amps on the 28.3MHz band. Power output should be a minimum 160 watts on the first 5 bands . . ."
> >
> > I want to ask two questions about this. (1) This sounds like an adjustment of the preselector coils can have an effect on output power. What are your thoughts on this, and has anybody done this and noticed an increase n power? (2) Before blindly attempting something that is not described step-by-step, is there any particular procedure to follow? IThere are two coils for each band. I envision that I would adjust the one on the left, then the one on the right, looking for an increase on the amps meter, then repeat the process until no further adjustment is necessary. Let me know if there is anything that I should watch out for. I am fairly comfortable doing this as I have sucessfully tweaked CDs to proper order in the `70's, but I still want to proceed with caution and not take a chance to make anything worse than what it is.
> >
> > My reason for wanting to do this is because my 350-XL is not putting out much less output power than the expected 160 watts (I mainly use 75/80 meters).
> >
> > Thnaks in advance for your help!
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

865. RE: [atlas_radio] Headphone Impedance

Yahoo group: atlas_radio
Date: 2012-04-14 04:16:04 UTC
From: MIKE DURKIN
Topic: 861 Message: 865

Wha? ... volume control working?

-----Original Message-----

From: tsmerk
Sent: 14 Apr 2012 04:08:25 GMT
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Headphone Impedance

I have a pair of monaural headphone that measure 5 ohms from tip to sleeve, My Atlas 350-XL manual says to add a one watt resistor in series to bring the impedance to about 2000 ohms. By series, do they mean to disconnect the wire from the tip and put the resistor in between the positive lead and the tip connector? I figure that it needs something because right now it is unbearably loud (but I can hear things I never though I could hear before!)

[Non-text portions of this message have been removed]

866. RE: [atlas_radio] Old style tip plugs

Yahoo group: atlas_radio
Date: 2012-04-14 04:22:29 UTC
From: MIKE DURKIN
Topic: 863 Message: 866

Yep .... or your PS ground...

-----Original Message-----

From: tsmerk
Sent: 14 Apr 2012 04:11:15 GMT
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Old style tip plugs

I want to power my SWR/Power meter from the 14 volt jack on the back of my Atlas 350-XL, but it uses the old style "tip" connector, which is just a single wire. Where do I get the negative polarity, from the ground post?

[Non-text portions of this message have been removed]

867. RF Output Impedance and SWR

Yahoo group: atlas_radio
Date: 2012-04-14 04:25:32 UTC
From: tsmerk
Topic: 867 Message: 867

My 1977 Atlas 350-XL is connected through an NCG 2050 SWR/Power meter. The power reading seems dead on, but when I tune for best SWR "by ear," the meter reads 5-10 SWR. When I tune to 1.1:1 SWR using the meter, I have no power and all the background noise is gone. Someone here told me that some of the 350's are known for not having an exact 50-52 ohm opuput impedance, and this is causing the mis-reading because the meter is looking for a 52 ohm impedance. If that is the case, can this be corrected by either adding a resistor to bring the impedance to 50 ohms, or is there perhaps an adjustment that I am unaware of? It would have to be a big whopping resistor. I know that the one in my dummy load is huge, and still it is only rated for short use testing.

What is the best way to test the output impedance? I am assuming that it should probably be under load while transmiting?

By the way, I have looked all over the Internet for a manual for my NCG 2020 SWR & Power Meter. It is part of Japan Radio Corporation, and it covers 1.6 to 60MHz. Can anyone either post a manual, email me one, or send me a link to one that is publically accessable? Thank you in advance.

868. RE: [atlas_radio] RF Output Impedance and SWR

Yahoo group: atlas_radio
Date: 2012-04-14 04:43:12 UTC
From: MIKE DURKIN
Topic: 867 Message: 868

Probably better to as k on the 350xl group ...

Are you using a dummy load first?

Your 350 might be somewhat unstable and oscillating at a freq that you don't intend it to ....

Getting the feedback kit for the PA is a good idea ....

-----Original Message-----

From: tsmerk
Sent: 14 Apr 2012 04:25:35 GMT
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] RF Output Impedance and SWR

My 1977 Atlas 350-XL is connected through an NCG 2050 SWR/Power meter. The power reading seems dead on, but when I tune for best SWR "by ear," the meter reads 5-10 SWR. When I tune to 1.1:1 SWR using the meter, I have no power and all the background noise is gone. Someone here told me that some of the 350's are known for not having an exact 50-52 ohm opuput impedance, and this is causing the mis-reading because the meter is looking for a 52 ohm impedance. If that is the case, can this be corrected by either adding a resistor to bring the impedance to 50 ohms, or is there perhaps an adjustment that I am unaware of? It would have to be a big whopping resistor. I know that the one in my dummy load is huge, and still it is only rated for short use testing.

What is the best way to test the output impedance? I am assuming that it should probably be under load while transmiting?

By the way, I have looked all over the Internet for a manual for my NCG 2020 SWR & Power Meter. It is part of Japan Radio Corporation, and it covers 1.6 to 60MHz. Can anyone either post a manual, email me one, or send me a link to one that is publically accessable? Thank you in advance.

[Non-text portions of this message have been removed]

869. Update on my Atlas 350-XL

Yahoo group: atlas_radio
Date: 2012-04-17 15:45:00 UTC
From: tsmerk
Topic: 869 Message: 869

I've been having so many problems with my Atlas 350-XL that I decided to put it in the shop and have Rick Jacinth work on it. Rick is well known as the #1 man for Swan, Cubic and Atlas radios. I'm not getting and transmit power, the 160 meter band works only occasionally, and my new crystals for 30 meter and 17 meter bands stll don't work. I've given up on the Turner SSB +2 microphone. Many of you have sent me links, but none of them atch the model that I am trying to repair. I tried some of the suggestions, figuring that I've got noting to lose and everything to gain, but no luck. I'll swap the Turner for a clean Shure 404C hand mic if you want to play with it. It should be a good mic if you can just figure out how to wire it. If someone understands that logic of what happens in a PTT switch, you could probably figure out the wiring yourself without the need of a diagram. I don't believe that there is actually anything wrong with the mic.

My new problem is that Mr. Lacinth has people from all over the world sending him their old radios, so he said it might be several months before he can even get to it. At least I will feel that it is in good hands. I learned an expensive lesson from all of this. I thought that because I bought a rig from one of the members of the Yahoo group, I would get one that would work great, a "prize!" I thought that everyone here shared my enthusiasm for these lovely old transceivers. Instead, the seller found a class A #1 sucker in me, and I fell right into it. He had a rig that he wanted to dispose of, and I jumped on it, paying top dollar because I was expecting a good radio. I asked to return the rig, and he sad no. I'm not going to mention his name because I do not wish to discredit anyone, and there always is a chance that the seller may have been unaware that this rig was on it's last legs, and the trip here is what put it over the edge. Everything else I know about this seller leads me to believe that he did not intentionally try to rip me off, it just turned out that way, and it hurts just as bad either way. Now I am without my money and without my radio.

Moral of the story: don't "assume" anything just because you are dealing with others in a closely related group of enthusiasts. Investigate the seller and the merchandise before you make a purchase.

Also, I know that Mr. Rick Jacinth is the subject of discussion here in the group, and I feel honored to have him work on my radio. I'll let you know how things are going.

(This message is cross-posted in the Atlas 350-XL forum)

870. Re: Question about Turner SSB +2 desk mic wiring (Used with Atlas 350-XL)

Yahoo group: atlas_radio
Date: 2012-04-17 17:31:07 UTC
From: JACK BREWER
Topic: 850 Message: 870

I have a new, never been used Shure 404 mike that you can have for the 350xl , that you can have and you can keep the Turner. I've got more than I will ever need or will use. It is the same mike I use on the 350 and other Atlas rigs. if you want it let me know . I will also wire the plug for you, it now has a plug on it for a GE rig but I wil cut it off and rewire it for the 350. No problem , glad to help, Jack WA3VZK

[Non-text portions of this message have been removed]

871. Re: Question about Turner SSB +2 desk mic wiring (Used with Atlas 350-XL)

Yahoo group: atlas_radio
Date: 2012-04-18 15:19:03 UTC
From: tsmerk
Topic: 850 Message: 871

Yes, that's awesome! At least some good is starting to come out of this nightmare! The Shure 404 is my favorite ham radio mic! Email me at tsmerk@sdccd.edu and I will give you my shipping address. It might also be on one of the logging sites such as QRZ, I can't remember, but I'll send it to you anyway. Include youre return address and I'll at least cover the shipping costs!

--- In atlas_radio@yahoogroups.com, JACK BREWER <jtelrbrewer@...> wrote:
>
> I have a new, never been used Shure 404 mike that you can have for the 350xl , that you can have and you can keep the Turner. I've got more than I will ever need or will use. It is the same mike I use on the 350 and other Atlas rigs. if you want it let me know . I will also wire the plug for you, it now has a plug on it for a GE rig but I wil cut it off and rewire it for the 350. No problem , glad to help, Jack WA3VZK
>
> [Non-text portions of this message have been removed]
>

872. Re: 350XL 17 meter band

Yahoo group: atlas_radio
Date: 2012-04-19 16:34:56 UTC
From: tsmerk
Topic: 846 Message: 872

I just purchased this crystal and also one for 10.0 to 10.5 from Brian Carling in Florida. A Google search brings up a lot of contact information, so he is not hard to order from, and he has a huge inventory of crystals. Good service and fair prices as well. However, mine did not work in my Atlas 350-XL, but I think that there is something wrong with the radio, and not the fault of the crystal. (There is not a lot that can be wrong with the crystal, as long as it it the correct one!) I'm putting my radio into the shop today, and that is one of the things that I have asked them to look at. I'll let you all know if we are able to get these crystals to work on the 17 and 30 meter bands.

--- In atlas_radio@yahoogroups.com, "Glenn" <gdkgkk@...> wrote:
>
> Has anyone purchased a crystal for 18.000 to 18.500 coverage. If so, was it successful. Where did you purchase it... address, tele. number, etc. Also the part or style number of the crystal you purchased. Ive noticed a lot of info about the crystal but nothing with the specific ordering information.
>

873. RE: [atlas_radio] Re: 350XL 17 meter band

Yahoo group: atlas_radio
Date: 2012-04-19 17:38:31 UTC
From: MIKE DURKIN
Topic: 846 Message: 873

Could you hear anything on 20M? - the marker even?

-----Original Message-----

From: tsmerk
Sent: 19 Apr 2012 16:35:04 GMT
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: 350XL 17 meter band

I just purchased this crystal and also one for 10.0 to 10.5 from Brian Carling in Florida. A Google search brings up a lot of contact information, so he is not hard to order from, and he has a huge inventory of crystals. Good service and fair prices as well. However, mine did not work in my Atlas 350-XL, but I think that there is something wrong with the radio, and not the fault of the crystal. (There is not a lot that can be wrong with the crystal, as long as it it the correct one!) I'm putting my radio into the shop today, and that is one of the things that I have asked them to look at. I'll let you all know if we are able to get these crystals to work on the 17 and 30 meter bands.

--- In atlas_radio@yahoogroups.com, "Glenn" <gdkgkk@...> wrote:
>
> Has anyone purchased a crystal for 18.000 to 18.500 coverage. If so, was it successful. Where did you purchase it... address, tele. number, etc. Also the part or style number of the crystal you purchased. Ive noticed a lot of info about the crystal but nothing with the specific ordering information.
>

[Non-text portions of this message have been removed]

874. Re: 350XL 17 meter band

Yahoo group: atlas_radio
Date: 2012-04-20 14:55:28 UTC
From: tsmerk
Topic: 846 Message: 874

I can hear everything on 20 meters, just not 17 or 30 m.

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
> Could you hear anything on 20M? - the marker even?
>
> -----Original Message-----
>
> From: tsmerk
> Sent: 19 Apr 2012 16:35:04 GMT
> To: atlas_radio@...m
> Subject: [atlas_radio] Re: 350XL 17 meter band
>
> I just purchased this crystal and also one for 10.0 to 10.5 from Brian Carling in Florida. A Google search brings up a lot of contact information, so he is not hard to order from, and he has a huge inventory of crystals. Good service and fair prices as well. However, mine did not work in my Atlas 350-XL, but I think that there is something wrong with the radio, and not the fault of the crystal. (There is not a lot that can be wrong with the crystal, as long as it it the correct one!) I'm putting my radio into the shop today, and that is one of the things that I have asked them to look at. I'll let you all know if we are able to get these crystals to work on the 17 and 30 meter bands.
>
> --- In atlas_radio@yahoogroups.com, "Glenn" <gdkgkk@> wrote:
> >
> > Has anyone purchased a crystal for 18.000 to 18.500 coverage. If so, was it successful. Where did you purchase it... address, tele. number, etc. Also the part or style number of the crystal you purchased. Ive noticed a lot of info about the crystal but nothing with the specific ordering information.
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

875. Re: Old style tip plugs

Yahoo group: atlas_radio
Date: 2012-04-23 18:09:53 UTC
From: tsmerk
Topic: 863 Message: 875

I was at an estate sale last Saturday and actually found a box of these old tip jacks. I was going to buy them, but then I thought that it would probably be better to replace them on my rig with a more modern jack, such as maybe an RCD jack.

My next goal is to find a bananna jack to make a spare DC power cord. Bananna plugs for the positive (+) connection are common because they also use these for speaker connections on audio amplifiers, but it's a little hard to find a bananna jack!

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
> Yep .... or your PS ground...
>
> -----Original Message-----
>
> From: tsmerk
> Sent: 14 Apr 2012 04:11:15 GMT
> To: atlas_radio@yahoogroups.com
> Subject: [atlas_radio] Old style tip plugs
>
> I want to power my SWR/Power meter from the 14 volt jack on the back of my Atlas 350-XL, but it uses the old style "tip" connector, which is just a single wire. Where do I get the negative polarity, from the ground post?
>
>
>
> [Non-text portions of this message have been removed]
>

876. Re: [atlas_radio] Re: Old style tip plugs

Yahoo group: atlas_radio
Date: 2012-04-23 21:40:05 UTC
From: JACK BREWER
Topic: 863 Message: 876

I wish you had got the tip jacks, I could use all of them.

_____
From: tsmerk <tom.smerk@...>
To: atlas_radio@yahoogroups.com
Sent: Monday, April 23, 2012 2:09 PM
Subject: [atlas_radio] Re: Old style tip plugs

I was at an estate sale last Saturday and actually found a box of these old tip jacks. I was going to buy them, but then I thought that it would probably be better to replace them on my rig with a more modern jack, such as maybe an RCD jack.

My next goal is to find a bananna jack to make a spare DC power cord. Bananna plugs for the positive (+) connection are common because they also use these for speaker connections on audio amplifiers, but it's a little hard to find a bananna jack!

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
> Yep .... or your PS ground...
>
> -----Original Message-----
>
> From: tsmerk
> Sent: 14 Apr 2012 04:11:15 GMT
> To: atlas_radio@yahoogroups.com
> Subject: [atlas_radio] Old style tip plugs
>
> I want to power my SWR/Power meter from the 14 volt jack on the back of my Atlas 350-XL, but it uses the old style "tip" connector, which is just a single wire. Where do I get the negative polarity, from the ground post?
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

877. Re: Old style tip plugs

Yahoo group: atlas_radio
Date: 2012-04-24 16:15:49 UTC
From: tsmerk
Topic: 863 Message: 877

Yeah, I'm thinking now that I should have bought them!

--- In atlas_radio@yahoogroups.com, JACK BREWER <jtelrbrewer@...> wrote:
>
> I wish you had got the tip jacks, I could use all of them.
>
>
>
> _____
> From: tsmerk <tom.smerk@...>
> To: atlas_radio@yahoogroups.com
> Sent: Monday, April 23, 2012 2:09 PM
> Subject: [atlas_radio] Re: Old style tip plugs
>
>
>
> Â
>
> I was at an estate sale last Saturday and actually found a box of these old tip jacks. I was going to buy them, but then I thought that it would probably be better to replace them on my rig with a more modern jack, such as maybe an RCD jack.
>
> My next goal is to find a bananna jack to make a spare DC power cord. Bananna plugs for the positive (+) connection are common because they also use these for speaker connections on audio amplifiers, but it's a little hard to find a bananna jack!
>
> --- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@> wrote:
> >
> > Yep .... or your PS ground...
> >
> > -----Original Message-----
> >
> > From: tsmerk
> > Sent: 14 Apr 2012 04:11:15 GMT
> > To: atlas_radio@yahoogroups.com
> > Subject: [atlas_radio] Old style tip plugs
> >
> > I want to power my SWR/Power meter from the 14 volt jack on the back of my Atlas 350-XL, but it uses the old style "tip" connector, which is just a single wire. Where do I get the negative polarity, from the ground post?
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >

>
>
>
>
> [Non-text portions of this message have been removed]
>

878. Re: Old style tip plugs

Yahoo group: atlas_radio
Date: 2012-04-25 17:31:15 UTC
From: tsmerk
Topic: 863 Message: 878

If they run the sale again this wekend, I'll go back and get them.

--- In atlas_radio@yahoogroups.com, "tsmerk" <tom.smerk@...> wrote:
>
> Yeah, I'm thinking now that I should have bought them!
>
> --- In atlas_radio@yahoogroups.com, JACK BREWER <jtelrbrewer@> wrote:
> >
> > I wish you had got the tip jacks, I could use all of them.
> >
> >
> >
> > _____
> > From: tsmerk <tom.smerk@>
> > To: atlas_radio@yahoogroups.com
> > Sent: Monday, April 23, 2012 2:09 PM
> > Subject: [atlas_radio] Re: Old style tip plugs
> >
> >
> >
> > Â
> >
> > I was at an estate sale last Saturday and actually found a box of these old tip jacks. I was going to buy them, but then I thought that it would probably be better to replace them on my rig with a more modern jack, such as maybe an RCD jack.
> >
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> >
> > --- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@> wrote:
> > >
> > > Yep .... or your PS ground...
> > >
> > > -----Original Message-----
> > >
> > > From: tsmerk
> > > Sent: 14 Apr 2012 04:11:15 GMT
> > > To: atlas_radio@yahoogroups.com
> > > Subject: [atlas_radio] Old style tip plugs
> > >
> > > I want to power my SWR/Power meter from the 14 volt jack on the back of my Atlas 350-XL, but it uses the old style "tip" connector, which is just a single wire. Where do I get the negative polarity, from the ground post?
> > >

> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

880. Sorry about the SPAM.

Yahoo group: atlas_radio
Date: 2012-04-28 12:29:26 UTC
From: n6otq
Topic: 880 Message: 880

It's been dealt with.

Jim N6OTQ
Group owner

881. A console surprise

Yahoo group: atlas_radio
Date: 2012-05-03 22:39:22 UTC
From: n6otq
Topic: 881 Message: 881

So I've had a 210X and console in my custody since the 1980s, and a couple years back I got another console from a generous Canadian for the price of shipping.

Until today, I had not really inspected either -- and now I see that the 1980s Atlas has an AR-117 console with fuses on the back apron. The newer-to-me CS-220 has no fuses on the back apron.

Anybody have any insight into this, or history? Zero issues with service, because they're functionally and electrically almost identical except for the fuses. So I don't need a schematic to work on either one.

Moderator Jim N6OTQ

882. Re: [atlas_radio] A console surprise

Yahoo group: atlas_radio
Date: 2012-05-03 23:38:19 UTC
From: JACK BREWER
Topic: 881 Message: 882

Do as I did, Install the fuses!!!! Fuses are cheap compared to what else may happen.

From: n6otq <n6otq@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, May 3, 2012 6:39 PM
Subject: [atlas_radio] A console surprise

So I've had a 210X and console in my custody since the 1980s, and a couple years back I got another console from a generous Canadian for the price of shipping.

Until today, I had not really inspected either -- and now I see that the 1980s Atlas has an AR-117 console with fuses on the back apron. The newer-to-me CS-220 has no fuses on the back apron.

Anybody have any insight into this, or history? Zero issues with service, because they're functionally and electrically almost identical except for the fuses. So I don't need a schematic to work on either one.

Moderator Jim N6OTQ

[Non-text portions of this message have been removed]

883. Re: [atlas_radio] A console surprise

Yahoo group: atlas_radio
Date: 2012-05-03 23:48:20 UTC
From: Jim
Topic: 881 Message: 883

"Install the fuses" is a challenge when there are no provisions in the chassis for fuses, apparently.

I don't have any problem with modifying a 30+ year old chassis. I was just surprised not to see fuseholders. I plan to research this a little more.

73
Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, May 3, 2012 6:38 PM
>Subject: Re: [atlas_radio] A console surprise
>
>Do as I did, Install the fuses!!!!   Fuses are cheap compared to what else may happen.
>
>
>_____
>From: n6otq <n6otq@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, May 3, 2012 6:39 PM
>Subject: [atlas_radio] A console surprise
>
>
>So I've had a 210X and console in my custody since the 1980s, and a couple years back I got another console from a generous Canadian for the price of shipping.
>
>Until today, I had not really inspected either -- and now I see that the 1980s Atlas has an AR-117 console with fuses on the back apron. The newer-to-me CS-220 has no fuses on the back apron.
>
>Anybody have any insight into this, or history? Zero issues with service, because they're functionally and electrically almost identical except for the fuses. So I don't need a schematic to work on either one.
>
>Moderator Jim N6OTQ
>

[Non-text portions of this message have been removed]

884. Re: [atlas_radio] A console surprise

Yahoo group: atlas_radio
Date: 2012-05-04 01:00:46 UTC
From: JACK BREWER
Topic: 881 Message: 884

Jim, you can mount them internally.

_____
From: Jim <n6otq@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Thursday, May 3, 2012 7:48 PM
Subject: Re: [atlas_radio] A console surprise

"Install the fuses" is a challenge when there are no provisions in the chassis for fuses, apparently.

I don't have any problem with modifying a 30+ year old chassis. I was just surprised not to see fuseholders. I plan to research this a little more.

73
Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, May 3, 2012 6:38 PM
>Subject: Re: [atlas_radio] A console surprise
>
>Do as I did, Install the fuses!!!!   Fuses are cheap compared to what else may happen.
>
>
>_____
>From: n6otq <n6otq@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, May 3, 2012 6:39 PM
>Subject: [atlas_radio] A console surprise
>
>
>So I've had a 210X and console in my custody since the 1980s, and a couple years back I got another console from a generous Canadian for the price of shipping.
>
>Until today, I had not really inspected either -- and now I see that the 1980s Atlas has an AR-117 console with fuses on the back apron. The newer-to-me CS-220 has no fuses on the back apron.
>
>Anybody have any insight into this, or history? Zero issues with service, because they're functionally and electrically almost identical except for the fuses. So I don't need a schematic to work on either one.
>
>Moderator Jim N6OTQ
>

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[Non-text portions of this message have been removed]

885. Re: [atlas_radio] A console surprise

Yahoo group: atlas_radio
Date: 2012-05-04 12:05:18 UTC
From: Jim
Topic: 881 Message: 885

I prefer the convenience of externally accessible fuses, as on my AR-117 equipped console.

That's not too difficult to add, once I get around to it -- in fact, it's almost as easy as disassembling the whole thing every time a fuse blows. That can get old in a hurry.

73
Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, May 3, 2012 8:00 PM
>Subject: Re: [atlas_radio] A console surprise
>
>Jim, you can mount them internally.
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>_____
>From: Jim <n6otq@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, May 3, 2012 7:48 PM
>Subject: Re: [atlas_radio] A console surprise
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886. Re: A console surprise

Yahoo group: atlas_radio
Date: 2012-05-04 20:43:11 UTC
From: n6otq
Topic: 881 Message: 886

Hey, a BIGGER console surprise!

The "Canadian" console with the CS-220 has the fuses under the deck!

And the "American" console with the AR-117 appears to be exactly the same circuit, except maybe not tapped for 220 V.

So I am repairing the broken power switch on the "Canadian" console and will replace the filter caps on both as soon as I get around to ordering them.

An interesting point -- the "Canadian" console front panel is pre-drilled and plugged for the VOX control, but the "American" console is not. I don't plan to add VOX any time soon. I have the parts to make the board, and the board pattern, so it's easy enough to do later.

I'll have to see about getting some trim strips silkscreened to say "VOX" -- both consoles need replacements for cosmetic reasons -- stuff happens to 35-year-old rigs.

73
Jim N6OTQ

887. Rx-110 Special

Yahoo group: atlas_radio
Date: 2012-05-07 00:07:06 UTC
From: dalziel5853
Topic: 887 Message: 887

Hello all,

I recently bought one of these receivers, and while it works quite well, a previous owner has made several modifications. I'd like to return it to something approaching original condition, so I wondered if anyone had a scan of the service manual, or at least the circuit diagram?

I can find plenty of info on the ordinary RX-110, but the "Special" would seem to be something of a deluxe model, with an RF gain control, CW filter and other refinements.

Also, if it's not too cheeky, would anyone happen to have a spare tuning knob? All expenses paid, of course.

Many thanks,

Dave

888. Re: A console surprise

Yahoo group: atlas_radio
Date: 2012-05-16 01:09:56 UTC
From: n6otq
Topic: 881 Message: 888

Well, I ordered capacitors and started installing them, and discovered that everything except the one fuse that hadn't blown, and the two big main rectifiers, need to be replaced in this console.

I suspect that the 16V present everywhere had something to do with the random oscillation issue I had when I was last using this rig, around 1992.

A lot of rewiring is in order, and re-positioning of components. Updates when (if) I complete this project.

I also got caps for the "Canadian" CS-220, and hope it'll require less rework.

73
Jim N6OTQ

group owner

890. "New" Atlas 210x

Yahoo group: atlas_radio
Date: 2012-05-21 03:25:26 UTC
From: Steve
Topic: 890 Message: 890

OK, folks, I just pulled an Atlas 210x from my father in law's Honda Accord. It has a Hustler M-01 antenna with a 10 meter resonator tip, an MT-1 transformer and a VOX box/headset for the microphone. I have a few questions. First, can I run this radio on 10 meters something as simple as a half wave wire dipole using RG58 coax without the transformer? I don't really want to run it as a mobile. Second, as far as a multi-band base antenna, any recommendations? I live in a condo with no obvious antenna options other than what I can hide in my garage or set up temporarily, hence the 10 meter Buddi-Pole dipole idea. But since all the action I've heard on it so far with just a wire antenna appears to be on 40 meters, I need to have access to that as well. Last, I want a regular PTT mike instead of the headset and VOX setup. Any recommendations on that would be helpful. Sorry for all the questions at once.

Steve KJ6WNS

891. FS:Atlsas 210X & console

Yahoo group: atlas_radio
Date: 2012-05-21 06:10:55 UTC
From: MIKE DURKIN
Topic: 891 Message: 891

Not sure if this is allowed .. just met a fella (W7NEO phone 509-662-1344) with a 215x that he's has sitting on a shelf collecting dust.

He'd like 200$ for the rig and console ... sounds like it has a control for noise blanker but he said it didn't work - might be there .. might be an adjustment -- who knows.
No microphone ... sounds like the diaphragm went bad ..
If some one's interested give em a call ......

Mike KC7NOA

[Non-text portions of this message have been removed]

892. Re: [atlas_radio] "New" Atlas 210x

Yahoo group: atlas_radio
Date: 2012-05-21 14:39:01 UTC
From: Jim
Topic: 890 Message: 892

Hi Steve

Yes, you can run this rig into a wire dipole without the transformer. You may want to tweak on the dipole for desired frequency of resonance and best impedance match. An antenna meter like the MFJ-259 or -269 is ideal for this. I mention this because the last 10-meter wire dipole I made wound up centered directly in the middle of 11 meters once I had it in the air.

I don't have any good suggestions for an apartment-friendly antenna -- I'm in the same boat, except on the third floor. Luckily, the trees shield my balcony from view pretty well. I've tried an Isotron 40 in the past, but they never really seemed to do the job, no matter where I put them. A magnetic loop antenna might work, and I've been tinkering with one for nearly 20 years now, but never got far enough along to get it in the air. :(

Last, you should be able to use any standard PTT mic, per the recommendations and schematic in the owner's manual. There's a copy of the manual in the files section. I've used a few different hand mics, including an amplified D-104 and a Radio Shack mobile hand mic. I even made an inline DIN-5 to stereo phono adapter to use ANY DIN-5 Radio Shack mic, since I had a lot of them laying around.

You'll need a 1/4" stereo phone plug, available at Radio Shack or similar places. Assuming the Vox box was plugged into the mic jack of the Atlas, you can take it in and show them the phone plug on it. If it was wired completely thru the "ACC" socket, well, you'll need the 1/4" plug that comes on stereo headphones.

Keep the Vox box -- you may want to use it someday.

73
Jim N6OTQ

>_____
> From: Steve <stevesmestad@...>
>To: atlas_radio@yahoogroups.com
>Sent: Sunday, May 20, 2012 10:25 PM
>Subject: [atlas_radio] "New" Atlas 210x
>
>OK, folks, I just pulled an Atlas 210x from my father in law's Honda Accord. It has a Hustler M-01 antenna with a 10 meter resonator tip, an MT-1 transformer and a VOX box/headset for the microphone. I have a few questions. First, can I run this radio on 10 meters something as simple as a half wave wire dipole using RG58 coax without the transformer? I don't really want to run it as a mobile. Second, as far as a multi-band base antenna, any recommendations? I live in a condo with no obvious antenna options other than what I can hide in my garage or set up temporarily, hence the 10 meter Buddi-Pole dipole idea. But since all the action I've heard on it so far with just a wire antenna appears to be on 40 meters, I need to have access to that as well. Last, I want a regular PTT mike instead of the headset and VOX setup. Any recommendations on that would be helpful. Sorry for all the questions at once.

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893. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 16:05:40 UTC
From: MIKE DURKIN
Topic: 741 Message: 893

don't know how are you doing on this .....
It was oklahoma ... not Mo.

http://www.manta.com/g/mm45p08/chuck-groome
Chucks Tv

http://www.manta.com/g/mmsj456/chuck-groome
FTA

http://law.justia.com/cases/federal/district-courts/texas/txedce/4:2008cv00262/110970/36

The law suit

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@...
Date: Fri, 30 Sep 2011 15:01:02 -0700
Subject: Re: [atlas_radio] Atlas radio

Yes I have that adress.The other company name he uses that I wrote the check to was F.T.A. Electronics. Does that do anything to your memory. Was that the name of the MO business? Thanks, Jack

---

From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Wednesday, September 28, 2011 10:32 PM

Subject: RE: [atlas_radio] Atlas radio

I don't think my memory is slipping that much .... id swear I found another business with the same address as this ....

Hugo Tv 1401 E Jackson St Hugo, OK 74743 United States

Then found a diferent address ... for it. (not HugoTv- but its online page had the same pic of the business as HugoTv) Its been a while sine I thought I might go to cort with him ...

Hope you didn't already have that address ... ill keep looking tomorrow ... I found the other address from a law suit filed against them ... (memory of corse

> To: atlas_radio@yahoogroups.com

> From: Patriot121@...

> Date: Wed, 28 Sep 2011 18:01:01 -0700

> Subject: RE: [atlas_radio] Atlas radio

>

> Sure ... it was the address he had me ship it to ..

>

> To: atlas_radio@yahoogroups.com

> From: jtelrbrewer@...

> Date: Wed, 28 Sep 2011 17:07:05 -0700

> Subject: Re: [atlas_radio] Atlas radio

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> Mike Durkin: Do you have the name of the business Chuck Groome has in Missouri and adress? Jack WA3VZK

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> From: MIKE DURKIN <Patriot121@...>

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> To: atlas_radio@yahoogroups.com

>

> Sent: Sunday, September 4, 2011 6:48 PM

>

> Subject: RE: [atlas_radio] Atlas radio

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> Sorry dude ... I had a run in with him several months ago .... sold him a 180 ... my listing was for Paypal only (alwas has been) he tried to get a grievance and refund the day after I sent it inthe mail and sent him email of that action ... he has been sued by some larger cable company for modifying cable boxes - and lost his shirt.

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> KC7NOA

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> To: atlas_radio@yahoogroups.com

>

> From: jtelrbrewer@...

>

> Date: Sun, 4 Sep 2011 15:15:27 -0700

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> Subject: [atlas_radio] Atlas radio

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894. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 17:45:22 UTC
From: JACK BREWER
Topic: 741 Message: 894

Thanks Mike for the vvveeerrryyy interesting info on Chuck Groome. Read the whole case info. Hadn't seen that before. I just knew that he had a very healthy fine and got 18 months in a louisiana federal penn. I am through with him. I finally got what I paid for and am satisfied. I could not have done it without his wife's help and that was after he went away. He lived in Paris TX but had a shop in Hugo OK. I understand that his son, Charles Groome Jr. , is now running the business for his father while he is away. That explains the new website. WA3VZK

From: MIKE DURKIN <Patriot121@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, May 31, 2012 12:05 PM
Subject: RE: [atlas_radio] Atlas radio

don't know how are you doing on this .....
It was oklahoma ... not Mo.

http://www.manta.com/g/mm45p08/chuck-groome
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895. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 19:26:45 UTC
From: darrell huth
Topic: 741 Message: 895

Jack:

I knew this guy (Chuck Groom) was trouble but I never would have imagined all this!

To say the least he was not a very pleasant guy to do business with. I regret selling him anything, he was nothing but trouble.

I did send him a box of "spare parts" for the 400X and a console. did you get those in your deal with him ?

Darrell

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@...
Date: Thu, 31 May 2012 10:45:22 -0700
Subject: Re: [atlas_radio] Atlas radio

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> I think you got roped off .... he also a business in MISSOURI too .. just across the boarded ..

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> KC7NOA

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> To: atlas_radio@yahoogroups.com

>

> From: jtelrbrewer@...

>

> Date: Sun, 4 Sep 2011 15:15:27 -0700

>

> Subject: [atlas_radio] Atlas radio

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Yahoo! Groups Links

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896. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 22:31:07 UTC
From: MIKE DURKIN
Topic: 741 Message: 896

Hopefully he emerges as a new man and attitude twards his fellow man/neighbors .... some thing that resembles a respectable person

-----Original Message-----

From: JACK BREWER
Sent: 31 May 2012 17:45:28 GMT
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas radio

Thanks Mike for the vvveeerrryyy interesting info on Chuck Groome. Read the whole case info. Hadn't seen that before. I just knew that he had a very healthy fine and got 18 months in a louisiana federal penn. I am through with him. I finally got what I paid for and am satisfied. I could not have done it without his wife's help and that was after he went away. He lived in Paris TX but had a shop in Hugo OK. I understand that his son, Charles Groome Jr. , is now running the business for his father while he is away. That explains the new website. WA3VZK

From: MIKE DURKIN <Patriot121@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, May 31, 2012 12:05 PM
Subject: RE: [atlas_radio] Atlas radio

don't know how are you doing on this .....
It was oklahoma ... not Mo.

http://www.manta.com/g/mm45p08/chuck-groome
Chucks Tv

http://www.manta.com/g/mmsj456/chuck-groome
FTA

http://law.justia.com/cases/federal/district-courts/texas/txedce/4:2008cv00262/110970/36

The law suit

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@...
Date: Fri, 30 Sep 2011 15:01:02 -0700
Subject: Re: [atlas_radio] Atlas radio

Yes I have that adress.The other company name he uses that I wrote the check to was F.T.A. Electronics. Does that do anything to your memory. Was that the name of the MO business? Thanks, Jack

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From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Wednesday, September 28, 2011 10:32 PM

Subject: RE: [atlas_radio] Atlas radio

I don't think my memory is slipping that much .... id swear I found another business with the same address as this ....

Hugo Tv 1401 E Jackson St Hugo, OK 74743 United States

Then found a diferent address ... for it. (not HugoTv- but its online page had the same pic of the business as HugoTv) Its been a while sine I thought I might go to cort with him ...

Hope you didn't already have that address ... ill keep looking tomorrow ... I found the other address from a law suit filed against them ... (memory of corse

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> From: Patriot121@...

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> Subject: RE: [atlas_radio] Atlas radio

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> From: MIKE DURKIN <Patriot121@...>

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> To: atlas_radio@...m

>

> Sent: Sunday, September 4, 2011 6:48 PM

>

> Subject: RE: [atlas_radio] Atlas radio

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897. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 22:46:54 UTC
From: darrell huth
Topic: 741 Message: 897

Maybe he can go into business with radio-mart

To: atlas_radio@yahoogroups.com
From: Patriot121@...
Date: Thu, 31 May 2012 15:31:07 -0700
Subject: Re: [atlas_radio] Atlas radio

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From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Thursday, May 31, 2012 12:05 PM

Subject: RE: [atlas_radio] Atlas radio

don't know how are you doing on this .....

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http://www.manta.com/g/mm45p08/chuck-groome

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The law suit

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> Subject: RE: [atlas_radio] Atlas radio

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> To: atlas_radio@yahoogroups.com

> From: jtelrbrewer@verizon.net

> Date: Wed, 28 Sep 2011 17:07:05 -0700

> Subject: Re: [atlas_radio] Atlas radio

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> To: atlas_radio@yahoogroups.com

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> Sent: Sunday, September 4, 2011 6:48 PM

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> Subject: RE: [atlas_radio] Atlas radio

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Yahoo! Groups Links

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898. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 22:58:08 UTC
From: Jim
Topic: 741 Message: 898

As group owner, I find such an idea utterly reprehensible -- but almost quaint enough to suggest that maybe we hold an informal contest for the group to come up with a suitable company name, a few slogans, and a business plan for Chuck Groom Jr. and Martin "Radio Mart" Allison to use....

The only prize? We spread the word against these two by way of some ugly satire that goes viral. Video anybody? I can come up with some decent props and sets here in Austin TX if anybody wants to take this all the way to the hilt. I might even have some talent to play Chuck and Marty....

Jim N6OTQ

>_____
> From: darrell huth <dh1338@hotmail.com>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, May 31, 2012 5:46 PM
>Subject: RE: [atlas_radio] Atlas radio
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>
>Maybe he can go into business with radio-mart
>

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899. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 23:04:35 UTC
From: darrell huth
Topic: 741 Message: 899

What a great idea. I would love to see it !

Martyn can handle sales and Chuck can handle shipping ?

Can you send money via Paypal to a federal Penitentiary ?

To: atlas_radio@yahoogroups.com
From: n6otq@...
Date: Thu, 31 May 2012 15:58:08 -0700
Subject: Re: [atlas_radio] Atlas radio

As group owner, I find such an idea utterly reprehensible -- but almost quaint enough to suggest that maybe we hold an informal contest for the group to come up with a suitable company name, a few slogans, and a business plan for Chuck Groom Jr. and Martin "Radio Mart" Allison to use....

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>Sent: Thursday, May 31, 2012 5:46 PM

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900. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 23:33:53 UTC
From: JACK BREWER
Topic: 741 Message: 900

No Darrell, I didn't get the parts. He told me that he bought them from you, but never got them. He never had anything nice to say about you either.Yes, he was Trouble from the start. I guess he has time to think about himself now. His son is going down the same road.

From: darrell huth <dh1338@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, May 31, 2012 3:26 PM
Subject: RE: [atlas_radio] Atlas radio

Jack:

I knew this guy (Chuck Groom) was trouble but I never would have imagined all this!

To say the least he was not a very pleasant guy to do business with. I regret selling him anything, he was nothing but trouble.

I did send him a box of "spare parts" for the 400X and a console. did you get those in your deal with him ?

Darrell

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@...
Date: Thu, 31 May 2012 10:45:22 -0700
Subject: Re: [atlas_radio] Atlas radio

Thanks Mike for the vvveeerrryyy interesting info on Chuck Groome. Read the whole case info. Hadn't seen that before. I just knew that he had a very healthy fine and got 18 months in a louisiana federal penn. I am through with him. I finally got what I paid for and am satisfied. I could not have done it without his wife's help and that was after he went away. He lived in Paris TX but had a shop in Hugo OK. I understand that his son, Charles Groome Jr. , is now running the business for his father while he is away. That explains the new website. WA3VZK

From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Thursday, May 31, 2012 12:05 PM

Subject: RE: [atlas_radio] Atlas radio

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The law suit

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Yes I have that adress.The other company name he uses that I wrote the check to was F.T.A. Electronics. Does that do anything to your memory. Was that the name of the MO business? Thanks, Jack

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901. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 23:45:30 UTC
From: JACK BREWER
Topic: 741 Message: 901

By the way, This Was Chuck's 2ND Ofense for the same thing!!!!

From: MIKE DURKIN <Patriot121@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, May 31, 2012 6:31 PM
Subject: Re: [atlas_radio] Atlas radio

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http://www.manta.com/g/mm45p08/chuck-groome
Chucks Tv

http://www.manta.com/g/mmsj456/chuck-groome
FTA

http://law.justia.com/cases/federal/district-courts/texas/txedce/4:2008cv00262/110970/36

The law suit

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@...
Date: Fri, 30 Sep 2011 15:01:02 -0700

Subject: Re: [atlas_radio] Atlas radio

Yes I have that adress.The other company name he uses that I wrote the check to was F.T.A. Electronics. Does that do anything to your memory. Was that the name of the MO business? Thanks, Jack

---

From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Wednesday, September 28, 2011 10:32 PM

Subject: RE: [atlas_radio] Atlas radio

I don't think my memory is slipping that much .... id swear I found another business with the same address as this ....

Hugo Tv 1401 E Jackson St Hugo, OK 74743 United States

Then found a diferent address ... for it. (not HugoTv- but its online page had the same pic of the business as HugoTv) Its been a while sine I thought I might go to cort with him ...

Hope you didn't already have that address ... ill keep looking tomorrow ... I found the other address from a law suit filed against them ... (memory of corse

> To: atlas_radio@yahoogroups.com

> From: Patriot121@...

> Date: Wed, 28 Sep 2011 18:01:01 -0700

> Subject: RE: [atlas_radio] Atlas radio

>

> Sure ... it was the address he had me ship it to ..

>

> To: atlas_radio@yahoogroups.com

> From: jtelrbrewer@...

> Date: Wed, 28 Sep 2011 17:07:05 -0700

> Subject: Re: [atlas_radio] Atlas radio

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> Mike Durkin: Do you have the name of the business Chuck Groome has in Missouri and adress? Jack WA3VZK

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> From: MIKE DURKIN <Patriot121@...>

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> To: atlas_radio@yahoogroups.com

>

> Sent: Sunday, September 4, 2011 6:48 PM

>

> Subject: RE: [atlas_radio] Atlas radio

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> Sorry dude ... I had a run in with him several months ago .... sold him a 180 ... my listing was for Paypal only (alwas has been) he tried to get a grievance and refund the day after I sent it inthe mail and sent him email of that action ... he has been sued by some larger cable company for modifying cable boxes - and lost his shirt.

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> To: atlas_radio@yahoogroups.com

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> From: jtelrbrewer@...

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> Date: Sun, 4 Sep 2011 15:15:27 -0700

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> Subject: [atlas_radio] Atlas radio

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> Could someone PLEASE HELP ME!! I bought an Atlas from W6CHR Caviness TX , also

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Yahoo! Groups Links

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902. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 23:46:00 UTC
From: MIKE DURKIN
Topic: 741 Message: 902

I have an idea for the video ... a uniden 510pro inside an Atlas350XL Chassis ...

-----Original Message-----

From: Jim
Sent: 31 May 2012 22:58:11 GMT
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas radio

As group owner, I find such an idea utterly reprehensible -- but almost quaint enough to suggest that maybe we hold an informal contest for the group to come up with a suitable company name, a few slogans, and a business plan for Chuck Groom Jr. and Martin "Radio Mart" Allison to use....

The only prize? We spread the word against these two by way of some ugly satire that goes viral. Video anybody? I can come up with some decent props and sets here in Austin TX if anybody wants to take this all the way to the hilt. I might even have some talent to play Chuck and Marty....

Jim N6OTQ

>_____
> From: darrell huth <dh1338@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, May 31, 2012 5:46 PM
>Subject: RE: [atlas_radio] Atlas radio
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>Maybe he can go into business with radio-mart
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903. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 23:50:53 UTC
From: JACK BREWER
Topic: 741 Message: 903

Well, the way I see it, while Chuck is on Vacation in LA, his son Chuck Jr. is running the show doing the same game and when Chuck Sr. returns it will be business as usual. After all, this is his 2nd offense for the same crime.and Jr. is doing the same thing.

From: darrell huth <dh1338@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, May 31, 2012 6:46 PM
Subject: RE: [atlas_radio] Atlas radio

Maybe he can go into business with radio-mart

To: atlas_radio@yahoogroups.com
From: Patriot121@...
Date: Thu, 31 May 2012 15:31:07 -0700
Subject: Re: [atlas_radio] Atlas radio

Hopefully he emerges as a new man and attitude twards his fellow man/neighbors .... some thing that resembles a respectable person

-----Original Message-----

From: JACK BREWER

Sent: 31 May 2012 17:45:28 GMT

To: atlas_radio@yahoogroups.com

Subject: Re: [atlas_radio] Atlas radio

Thanks Mike for the vvveeerrryyy interesting info on Chuck Groome. Read the whole case info. Hadn't seen that before. I just knew that he had a very healthy fine and got 18 months in a louisiana federal penn. I am through with him. I finally got what I paid for and am satisfied. I could not have done it without his wife's help and that was after he went away. He lived in Paris TX but had a shop in Hugo OK. I understand that his son, Charles Groome Jr. , is now running the business for his father while he is away. That explains the new website. WA3VZK

From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Thursday, May 31, 2012 12:05 PM

Subject: RE: [atlas_radio] Atlas radio

don't know how are you doing on this .....

It was oklahoma ... not Mo.

http://www.manta.com/g/mm45p08/chuck-groome

Chucks Tv

http://www.manta.com/g/mmsj456/chuck-groome

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http://law.justia.com/cases/federal/district-courts/texas/txedce/4:2008cv00262/110970/36

The law suit

To: atlas_radio@yahoogroups.com

From: jtelrbrewer@verizon.net

Date: Fri, 30 Sep 2011 15:01:02 -0700

Subject: Re: [atlas_radio] Atlas radio

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To: atlas_radio@yahoogroups.com

Sent: Wednesday, September 28, 2011 10:32 PM

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> To: atlas_radio@yahoogroups.com

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> Sent: Sunday, September 4, 2011 6:48 PM

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> Subject: RE: [atlas_radio] Atlas radio

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> Sorry dude ... I had a run in with him several months ago .... sold him a 180 ... my listing was for Paypal only (alwas has been) he tried to get a grievance and refund the day after I sent it inthe mail and sent him email of that action ... he has been sued by some larger cable company for modifying cable boxes - and lost his shirt.

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904. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 23:52:54 UTC
From: darrell huth
Topic: 741 Message: 904

Let me tell you, after how he treated me it warms my heart that he got what he deserved...it really does. Every once in awhile things just work out. And to think, even after I gave him such a great deal he never even offered me free HBO .....

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@verizon.net
Date: Thu, 31 May 2012 16:45:30 -0700
Subject: Re: [atlas_radio] Atlas radio

By the way, This Was Chuck's 2ND Ofense for the same thing!!!!

From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Thursday, May 31, 2012 6:31 PM

Subject: Re: [atlas_radio] Atlas radio

Hopefully he emerges as a new man and attitude twards his fellow man/neighbors .... some thing that resembles a respectable person

-----Original Message-----

From: JACK BREWER

Sent: 31 May 2012 17:45:28 GMT

To: atlas_radio@yahoogroups.com

Subject: Re: [atlas_radio] Atlas radio

Thanks Mike for the vvveeerrryyy interesting info on Chuck Groome. Read the whole case info. Hadn't seen that before. I just knew that he had a very healthy fine and got 18 months in a louisiana federal penn. I am through with him. I finally got what I paid for and am satisfied. I could not have done it without his wife's help and that was after he went away. He lived in Paris TX but had a shop in Hugo OK. I understand that his son, Charles Groome Jr. , is now running the business for his father while he is away. That explains the new website. WA3VZK

From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Thursday, May 31, 2012 12:05 PM

Subject: RE: [atlas_radio] Atlas radio

don't know how are you doing on this .....

It was oklahoma ... not Mo.

http://www.manta.com/g/mm45p08/chuck-groome

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The law suit

To: atlas_radio@yahoogroups.com

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Sent: Wednesday, September 28, 2011 10:32 PM

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> From: Patriot121@...

> Date: Wed, 28 Sep 2011 18:01:01 -0700

> Subject: RE: [atlas_radio] Atlas radio

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> Sure ... it was the address he had me ship it to ..

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> To: atlas_radio@yahoogroups.com

> From: jtelrbrewer@...

> Date: Wed, 28 Sep 2011 17:07:05 -0700

> Subject: Re: [atlas_radio] Atlas radio

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> To: atlas_radio@yahoogroups.com

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> Sent: Sunday, September 4, 2011 6:48 PM

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> Subject: RE: [atlas_radio] Atlas radio

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> Sorry dude ... I had a run in with him several months ago .... sold him a 180 ... my listing was for Paypal only (alwas has been) he tried to get a grievance and refund the day after I sent it inthe mail and sent him email of that action ... he has been sued by some larger cable company for modifying cable boxes - and lost his shirt.

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> To: atlas_radio@yahoogroups.com

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> Date: Sun, 4 Sep 2011 15:15:27 -0700

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> Subject: [atlas_radio] Atlas radio

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905. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 23:55:19 UTC
From: JACK BREWER
Topic: 741 Message: 905

FANTASTIC idea Jim. Lets go with it, BRAVO

_____
From: Jim <n6otq@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Thursday, May 31, 2012 6:58 PM
Subject: Re: [atlas_radio] Atlas radio

As group owner, I find such an idea utterly reprehensible -- but almost quaint enough to suggest that maybe we hold an informal contest for the group to come up with a suitable company name, a few slogans, and a business plan for Chuck Groom Jr. and Martin "Radio Mart" Allison to use....

The only prize? We spread the word against these two by way of some ugly satire that goes viral. Video anybody? I can come up with some decent props and sets here in Austin TX if anybody wants to take this all the way to the hilt. I might even have some talent to play Chuck and Marty....

Jim N6OTQ

>_____
> From: darrell huth <dh1338@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, May 31, 2012 5:46 PM
>Subject: RE: [atlas_radio] Atlas radio
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>Maybe he can go into business with radio-mart
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906. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-05-31 23:58:43 UTC
From: JACK BREWER
Topic: 741 Message: 906

Darrell, don't you know, these guys and the ones like them , insist on Western Union???

_____
From: darrell huth <dh1338@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, May 31, 2012 7:04 PM
Subject: RE: [atlas_radio] Atlas radio

What a great idea. I would love to see it !

Martyn can handle sales and Chuck can handle shipping ?

Can you send money via Paypal to a federal Penitentiary ?

To: atlas_radio@yahoogroups.com
From: n6otq@...
Date: Thu, 31 May 2012 15:58:08 -0700
Subject: Re: [atlas_radio] Atlas radio

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Yahoo! Groups Links

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907. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 00:03:29 UTC
From: darrell huth
Topic: 741 Message: 907

Oh no, I think I started something here .....

It really is fun to watch the bad guys get what they deserve and the good guys win ...Doesn't seem to happen that often but when it does it 's refreshing.

I wonder if radio-mart sells dish TV's ?

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@verizon.net
Date: Thu, 31 May 2012 16:58:43 -0700
Subject: Re: [atlas_radio] Atlas radio

Darrell, don't you know, these guys and the ones like them , insist on Western Union???

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Yahoo! Groups Links

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908. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 00:02:43 UTC
From: JACK BREWER
Topic: 741 Message: 908

For all the aethiests out there, This proves there is a GOD and he watches over decent hams

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From: darrell huth <dh1338@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, May 31, 2012 7:52 PM
Subject: RE: [atlas_radio] Atlas radio

Let me tell you, after how he treated me it warms my heart that he got what he deserved...it really does. Every once in awhile things just work out. And to think, even after I gave him such a great deal he never even offered me free HBO .....

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@...
Date: Thu, 31 May 2012 16:45:30 -0700
Subject: Re: [atlas_radio] Atlas radio

By the way, This Was Chuck's 2ND Ofense for the same thing!!!!

From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Thursday, May 31, 2012 6:31 PM

Subject: Re: [atlas_radio] Atlas radio

Hopefully he emerges as a new man and attitude twards his fellow man/neighbors .... some thing that resembles a respectable person

-----Original Message-----

From: JACK BREWER

Sent: 31 May 2012 17:45:28 GMT

To: atlas_radio@yahoogroups.com

Subject: Re: [atlas_radio] Atlas radio

Thanks Mike for the vvveeerrryyy interesting info on Chuck Groome. Read the whole case info. Hadn't seen that before. I just knew that he had a very healthy fine and got 18 months in a louisiana federal penn. I am through with him. I finally got what I paid for and am satisfied. I could not have done it without his wife's help and that was after he went away. He lived in Paris TX but had a shop in Hugo OK. I understand that his son, Charles Groome Jr. , is now running the business for his father while he is away. That explains the new website. WA3VZK

From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Thursday, May 31, 2012 12:05 PM

Subject: RE: [atlas_radio] Atlas radio

don't know how are you doing on this .....

It was oklahoma ... not Mo.

http://www.manta.com/g/mm45p08/chuck-groome

Chucks Tv

http://www.manta.com/g/mmsj456/chuck-groome

FTA

http://law.justia.com/cases/federal/district-courts/texas/txedce/4:2008cv00262/110970/36

The law suit

To: atlas_radio@yahoogroups.com

From: jtelrbrewer@verizon.net

Date: Fri, 30 Sep 2011 15:01:02 -0700

Subject: Re: [atlas_radio] Atlas radio

Yes I have that adress.The other company name he uses that I wrote the check to was F.T.A. Electronics. Does that do anything to your memory. Was that the name of the MO business? Thanks, Jack

---

From: MIKE DURKIN <Patriot121@...>

To: atlas_radio@yahoogroups.com

Sent: Wednesday, September 28, 2011 10:32 PM

Subject: RE: [atlas_radio] Atlas radio

I don't think my memory is slipping that much .... id swear I found another business with the same address as this ....

Hugo Tv 1401 E Jackson St Hugo, OK 74743 United States

Then found a diferent address ... for it. (not HugoTv- but its online page had the same pic of the business as HugoTv) Its been a while sine I thought I might go to cort with him ...

Hope you didn't already have that address ... ill keep looking tomorrow ... I found the other address from a law suit filed against them ... (memory of corse

> To: atlas_radio@yahoogroups.com

> From: Patriot121@...

> Date: Wed, 28 Sep 2011 18:01:01 -0700

> Subject: RE: [atlas_radio] Atlas radio

>

> Sure ... it was the address he had me ship it to ..

>

> To: atlas_radio@yahoogroups.com

> From: jtelrbrewer@...

> Date: Wed, 28 Sep 2011 17:07:05 -0700

> Subject: Re: [atlas_radio] Atlas radio

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>   Mike Durkin: Do you have the name of the business Chuck Groome has in Missouri and adress? Jack WA3VZK

>

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> From: MIKE DURKIN <Patriot121@...>

>

> To: atlas_radio@yahoogroups.com

>

> Sent: Sunday, September 4, 2011 6:48 PM

>

> Subject: RE: [atlas_radio] Atlas radio

>

>

>

> Sorry dude ... I had a run in with him several months ago .... sold him a 180 ... my listing was for Paypal only (alwas has been) he tried to get a grievance and refund the day after I sent it inthe mail and sent him email of that action ... he has been sued by some larger cable company for modifying cable boxes - and lost his shirt.

>

>

>

> This is what I have ...

>

>

>

> hugotv has sent a question about item #140455116430, that 180 100W -But with no case ... m/ tomorrow via priority please send to chuckgroome@... as my email isnt working right. chuck -hugot

>

>

>

> I think you got roped off .... he also a business in MISSOURI too .. just across the boarded ..

>

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>

> KC7NOA

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> To: atlas_radio@yahoogroups.com

>

> From: jtelrbrewer@...

>

> Date: Sun, 4 Sep 2011 15:15:27 -0700

>

> Subject: [atlas_radio] Atlas radio

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>   Could someone PLEASE HELP ME!! I bought an Atlas from W6CHR Caviness TX , also

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>

> has a shop in Hugo OK called FTA Electronics.Gave $1200 for the radio. Name is

>

>

>

> Charles "Chuck" Groome. All phones are now disconnected or unlisted. Cannot

>

>

>

> reach anyone at numbers I have. Did not receive radio. If anyone has a contact

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> number or knows him please let me know.Does not answer Email. I do know that

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> Chuck was in bad health.   WA3VZK 410 378 4269

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> Yahoo! Groups Links

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Yahoo! Groups Links

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909. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 00:12:22 UTC
From: Jim
Topic: 741 Message: 909

Just to set the record straight -- I am probably the wildest group owner on the planet, at least for as mainstream a group as this one is. If I propose something like making a fake infomercial for "Marty Groomes Radios" I am serious about carrying the project through, and it will only be released if I am fully confident that it will outrage at least half a million people and be banned in several countries on multiple continents.

So let's kick ideas around for a week. One of my talents is coming into Austin in 2 weeks for only 2 days, and we need a script, props, and sets in place by then. The other talent lives nearby and can show up on-call, and I think I can call in a favor to get an experienced grip/sound guy. I just need a decent camera. I can get my daughter in Oregon to edit video, and I'm sure I can find somebody can do titles -- as in, purple crayon on grocery bags.

This is almost how George Romero and Robert Ramirez and Richard Linklater got started. Oh yeah, John Waters too.

Jim N6OTQ

PS -- If you live within a hundred miles, ping me off-list. You're more than welcome to come help, and I'll buy dinner and beer. Everybody else? Austin TX is hot this time of year, but there's plenty to do and shooting will only last a few hours. This is a nice place for a mini-vacation.

>_____
> From: MIKE DURKIN <Patriot121@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, May 31, 2012 6:46 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>I have an idea for the video ... a uniden 510pro inside an Atlas350XL Chassis ...
>
>-----Original Message-----
>
>From: Jim
>Sent: 31 May 2012 22:58:11 GMT
>To: atlas_radio@yahoogroups.com
>Subject: Re: [atlas_radio] Atlas radio
>
>As group owner, I find such an idea utterly reprehensible -- but almost quaint enough to suggest that maybe we hold an informal contest for the group to come up with a suitable company name, a few slogans, and a business plan for Chuck Groom Jr. and Martin "Radio Mart" Allison to use....
>
>The only prize? We spread the word against these two by way of some ugly satire that goes viral. Video anybody? I can come up with some decent props and sets here in Austin TX if anybody wants to take this all the way to the hilt. I might even have some talent to play

Chuck and Marty....
>
>Jim N6OTQ
>
>
>
>>_________________________________
>> From: darrell huth <dh1338@...>
>>To: atlas_radio@yahoogroups.com
>>Sent: Thursday, May 31, 2012 5:46 PM
>>Subject: RE: [atlas_radio] Atlas radio
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>>
>>Maybe he can go into business with radio-mart
>>
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>Yahoo! Groups Links
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910. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 00:22:45 UTC
From: JACK BREWER
Topic: 741 Message: 910

When it is finished, advertise it on facebook and WRZ and you will acomplish just that

_____
From: Jim <n6otq@...m>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Thursday, May 31, 2012 8:12 PM
Subject: Re: [atlas_radio] Atlas radio

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>To: atlas_radio@yahoogroups.com
>Sent: Thursday, May 31, 2012 6:46 PM
>Subject: Re: [atlas_radio] Atlas radio
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>Jim N6OTQ
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>
>>_________________________________
>> From: darrell huth <dh1338@...>
>>To: atlas_radio@yahoogroups.com
>>Sent: Thursday, May 31, 2012 5:46 PM
>>Subject: RE: [atlas_radio] Atlas radio
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>>Maybe he can go into business with radio-mart
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911. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 00:26:16 UTC
From: JACK BREWER
Topic: 741 Message: 911

I seem to have missed the boat somewhere, probably because I was at the airport, but who is Marty Allison??

From: Jim <n6otq@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Thursday, May 31, 2012 8:12 PM
Subject: Re: [atlas_radio] Atlas radio

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This is almost how George Romero and Robert Ramirez and Richard Linklater got started. Oh yeah, John Waters too.

Jim N6OTQ

PS -- If you live within a hundred miles, ping me off-list. You're more than welcome to come help, and I'll buy dinner and beer. Everybody else? Austin TX is hot this time of year, but there's plenty to do and shooting will only last a few hours. This is a nice place for a mini-vacation.

>---
> From: MIKE DURKIN <Patriot121@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, May 31, 2012 6:46 PM
>Subject: Re: [atlas_radio] Atlas radio
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>I have an idea for the video ... a uniden 510pro inside an Atlas350XL Chassis ...
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>To: atlas_radio@yahoogroups.com
>Subject: Re: [atlas_radio] Atlas radio
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>>_________________________________
>> From: darrell huth <dh1338@...>
>>To: atlas_radio@yahoogroups.com
>>Sent: Thursday, May 31, 2012 5:46 PM
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>>Maybe he can go into business with radio-mart
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912. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 00:35:42 UTC
From: Jim
Topic: 741 Message: 912

duuude, you ARE thinking along the right lines!!

I'm sure everybody has seen Billy Mays and the Sham-Wow guy on infomercials -- and the "Schticky" and the OxyClean and the "Grout Bully" guys -- that's where I am going with this.

Except it's to sell the sham that Groome and Marty were selling. You'll LOVE the "high-tech service facility" where they work, and their "ultra-modern, state-of-the-art" test bench ... and the high-tech satellite communications system they use. Believe me, I have enough set dressing already in place today to blow this through the roof.

Wait til you see their delivery van ....

Jim N6OTQ

>_____
> From: darrell huth <dh1338@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, May 31, 2012 6:04 PM
>Subject: RE: [atlas_radio] Atlas radio
>
>
>What a great idea. I would love to see it !
>
>Martyn can handle sales and Chuck can handle shipping ?
>
>Can you send money via Paypal to a federal Penitentiary ?
>
>To: atlas_radio@yahoogroups.com
>From: n6otq@yahoo.com
>Date: Thu, 31 May 2012 15:58:08 -0700
>Subject: Re: [atlas_radio] Atlas radio
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913. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 00:54:59 UTC
From: Jim
Topic: 741 Message: 913

You know it. Did you mean QRZ? Regardless, it'll get banned from QRZ almost instantly, because it'll have an audio track unsuitable for transmit on amateur radio.

Wait til you see the original "Marty Groome Marketing (MGM)" antenna test range photo from 1982 ... when I dig it out I'll scan and post it.

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, May 31, 2012 7:22 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>When it is finished, advertise it on facebook and WRZ and you will acomplish just that
>
>
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>_____
>From: Jim <n6otq@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, May 31, 2012 8:12 PM
>Subject: Re: [atlas_radio] Atlas radio
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>PS -- If you live within a hundred miles, ping me off-list. You're more than welcome to come help, and I'll buy dinner and beer. Everybody else? Austin TX is hot this time of year, but there's plenty to do and shooting will only last a few hours. This is a nice place for a mini-vacation.
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>>_____
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>>To: atlas_radio@yahoogroups.com
>>Sent: Thursday, May 31, 2012 6:46 PM
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>>-----Original Message-----
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914. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 00:49:33 UTC
From: Jim
Topic: 741 Message: 914

Allison? He's the guy behind Radio-Mart. He's had some creative ideas in re-licensing and re-manufacturing certain classic radio designs.

In between bringing those innovative products to market, he's indulged in some radio sales in which the buyer, if he EVER got product, was ... well, let's just say UNDERwhelmed by what he received.

Just the facts. Please google extensively and see what you find. The truth is -- no matter what a hatchet job I can do on this, it'll present both gentlemen in a better light than before, and they'll actually start selling radio stuff again.

Because ANY publicity is good publicity. And of course, ALL of this is in good fun.....

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, May 31, 2012 7:26 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>I seem to have missed the boat somewhere, probably because I was at the airport, but who is Marty Allison??
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>Sent: Thursday, May 31, 2012 8:12 PM
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>>
>>I have an idea for the video ... a uniden 510pro inside an Atlas350XL Chassis ...
>>
>>-----Original Message-----
>>
>>From: Jim
>>Sent: 31 May 2012 22:58:11 GMT
>>To: atlas_radio@yahoogroups.com
>>Subject: Re: [atlas_radio] Atlas radio
>>
>>As group owner, I find such an idea utterly reprehensible -- but almost quaint enough to suggest that maybe we hold an informal contest for the group to come up with a suitable company name, a few slogans, and a business plan for Chuck Groom Jr. and Martin "Radio Mart" Allison to use....
>>
>>The only prize? We spread the word against these two by way of some ugly satire that goes viral. Video anybody? I can come up with some decent props and sets here in Austin TX if anybody wants to take this all the way to the hilt.   I might even have some talent to play Chuck and Marty....
>>
>>Jim N6OTQ
>>
>>
>>
>>>_________________________________
>>> From: darrell huth <dh1338@hotmail.com>
>>>To: atlas_radio@yahoogroups.com
>>>Sent: Thursday, May 31, 2012 5:46 PM
>>>Subject: RE: [atlas_radio] Atlas radio
>>>
>>>
>>>Maybe he can go into business with radio-mart
>>>

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>>[Non-text portions of this message have been removed]
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>>Yahoo! Groups Links
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

915. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 01:11:03 UTC
From: Jim
Topic: 741 Message: 915

For all the group members out there, the group owner strongly approves of this message.

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, May 31, 2012 7:02 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>For all the aethiests out there, This proves there is a GOD and he watches over decent hams
>
>_____
>From: darrell huth <dh1338@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, May 31, 2012 7:52 PM
>Subject: RE: [atlas_radio] Atlas radio
>
>Let me tell you, after how he treated me it warms my heart that he got what he deserved...it really does. Every once in awhile things just work out. And to think, even after I gave him such a great deal he never even offered me free HBO .....
>

[Non-text portions of this message have been removed]

916. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 01:34:24 UTC
From: Jim
Topic: 741 Message: 916

Jack, it's already on. I've been working on front-end creative for over an hour, and I've set up my first talent/tech "meet and greet" for tomorrow afternoon.

Seriously, anybody who can make it to Austin is more than welcome to come help. There's gonna be some pre-production shoot and some post-production shoot, and ... well, the usual stuff to have cool continuity.

I'll also considering paying to ship in props ... and if you have a 350 and can give me pro quality "beauty" shots -- or better, if ANYBODY has copyright-free or royalty-free pics of a 400 -- or actually HAS a 400 for "beauty" shots -- please let me know off-list ASAP.

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, May 31, 2012 6:55 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>FANTASTIC idea Jim. Lets go with it, BRAVO
>

[Non-text portions of this message have been removed]

917. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 01:38:33 UTC
From: Jim
Topic: 741 Message: 917

I just mentioned this, but if somebody has a cosmetically nice stripped-out 350 to loan out for a few weeks, it sure would help.

Shipping paid both ways.

Jim N6OTQ

>_____
> From: MIKE DURKIN <Patriot121@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, May 31, 2012 6:46 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>I have an idea for the video ... a uniden 510pro inside an Atlas350XL Chassis ...
>

[Non-text portions of this message have been removed]

918. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 02:01:15 UTC
From: MIKE DURKIN
Topic: 741 Message: 918

Did you want pretty or ugly 350's?
There is a nice looking one on the 350xl user group(I think you knee that though) ... I don't mind it being used ... but the owner might.

Im the group owner but not of the picture per-say....

Both of my 350's are in pieces right now ....

-----Original Message-----

From: Jim
Sent: 1 Jun 2012 01:34:28 GMT
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas radio

Jack, it's already on. I've been working on front-end creative for over an hour, and I've set up my first talent/tech "meet and greet" for tomorrow afternoon.

Seriously, anybody who can make it to Austin is more than welcome to come help. There's gonna be some pre-production shoot and some post-production shoot, and ... well, the usual stuff to have cool continuity.

I'll also considering paying to ship in props ... and if you have a 350 and can give me pro quality "beauty" shots -- or better, if ANYBODY has copyright-free or royalty-free pics of a 400 -- or actually HAS a 400 for "beauty" shots -- please let me know off-list ASAP.

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, May 31, 2012 6:55 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>FANTASTIC idea Jim. Lets go with it, BRAVO
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

919. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 02:12:05 UTC
From: darrell huth
Topic: 741 Message: 919

Will I get screen credits ?

To: atlas_radio@yahoogroups.com
From: Patriot121@...
Date: Thu, 31 May 2012 19:01:15 -0700
Subject: Re: [atlas_radio] Atlas radio

Did you want pretty or ugly 350's?

There is a nice looking one on the 350xl user group(I think you knee that though) ... I don't mind it being used ... but the owner might.

Im the group owner but not of the picture per-say....

Both of my 350's are in pieces right now ....

-----Original Message-----

From: Jim

Sent: 1 Jun 2012 01:34:28 GMT

To: atlas_radio@yahoogroups.com

Subject: Re: [atlas_radio] Atlas radio

Jack, it's already on. I've been working on front-end creative for over an hour, and I've set up my first talent/tech "meet and greet" for tomorrow afternoon.

Seriously, anybody who can make it to Austin is more than welcome to come help. There's gonna be some pre-production shoot and some post-production shoot, and ... well, the usual stuff to have cool continuity.

I'll also considering paying to ship in props ... and if you have a 350 and can give me pro quality "beauty" shots -- or better, if ANYBODY has copyright-free or royalty-free pics of a 400 -- or actually HAS a 400 for "beauty" shots -- please let me know off-list ASAP.

Jim N6OTQ

>_____

> From: JACK BREWER <jtelrbrewer@...>

>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>

>Sent: Thursday, May 31, 2012 6:55 PM

>Subject: Re: [atlas_radio] Atlas radio

>

>FANTASTIC idea Jim. Lets go with it, BRAVO

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

920. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 02:36:58 UTC
From: Jim
Topic: 741 Message: 920

Credit where credit is due.

I totally welcome your help, but I caution you to reserve judgment on whether you want your name on the credits until the final rush cut is ready. This vid will be harsh. Hopefully, it'll be screamingly hilarious in context, and humorous when totally out of context, but harsh.

But -- credits like

"Atlas 350XL #1 courtesy of AB2CDE"

might not ruin your professional career like "N6OTQ did this" might ruin mine ....

On the other hand, an "in-pieces" 350 with an intact front panel would be a lot more usable for this project, because it would be so much easier to insert non-production goodies inside, and much less likely to get damaged during production.

Jim N6OTQ

PS -- For shipping, I'm good in QRZ..com but the shoot site is somewhere else.

>_____
> From: darrell huth <dh1338@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, May 31, 2012 9:12 PM
>Subject: RE: [atlas_radio] Atlas radio
>
>
>Will I get screen credits ?
>
>To: atlas_radio@yahoogroups.com
>From: Patriot121@...
>Date: Thu, 31 May 2012 19:01:15 -0700
>Subject: Re: [atlas_radio] Atlas radio
>
>
>   Did you want pretty or ugly 350's?
>
>There is a nice looking one on the 350xl user group(I think you knee that though) ... I don't mind it being used ... but the owner might.
>
>Im the group owner but not of the picture per-say....
>
>Both of my 350's are in pieces right now ....
>

[Non-text portions of this message have been removed]

921. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 12:08:36 UTC
From: Stephen West-Fisher
Topic: 741 Message: 921

Well, I have only had one interaction with Radio-Mart when they bought an Icom from me on eBay a couple of years ago. I had no problems whatsoever with the transaction including payment. It appears to me from the web that there are only a couple of people who had unhappy transactions, but they are very vocal in numerous lists. Some of the complaints make no sense, such as removing optional parts from radios and selling the options separately. When someone buys an item from you, it is up to them what they do with it.

--

Stephen West-Fisher

N4IK

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com] On Behalf Of Jim
Sent: Thursday, May 31, 2012 8:50 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas radio

Allison? He's the guy behind Radio-Mart. He's had some creative ideas in re-licensing and re-manufacturing certain classic radio designs.

In between bringing those innovative products to market, he's indulged in some radio sales in which the buyer, if he EVER got product, was ... well, let's just say UNDERwhelmed by what he received.

Just the facts. Please google extensively and see what you find. The truth is -- no matter what a hatchet job I can do on this, it'll present both gentlemen in a better light than before, and they'll actually start selling radio stuff again.

Because ANY publicity is good publicity. And of course, ALL of this is in good fun.....

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...
<mailto:jtelrbrewer%40verizon.net> >
>To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> "
<atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >
>Sent: Thursday, May 31, 2012 7:26 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>I seem to have missed the boat somewhere, probably because I was at the airport, but who is Marty Allison??

>
>
>
>_____
>From: Jim <n6otq@... <mailto:n6otq%40yahoo.com> >
>To: "atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> "
<atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com> >
>Sent: Thursday, May 31, 2012 8:12 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>
>
>
>
>Just to set the record straight -- I am probably the wildest group owner on
the planet, at least for as mainstream a group as this one is. If I propose
something like making a fake infomercial for "Marty Groomes Radios" I am
serious about carrying the project through, and it will only be released if
I am fully confident that it will outrage at least half a million people and
be banned in several countries on multiple continents.
>
>So let's kick ideas around for a week. One of my talents is coming into
Austin in 2 weeks for only 2 days, and we need a script, props, and sets in
place by then. The other talent lives nearby and can show up on-call, and I
think I can call in a favor to get an experienced grip/sound guy. I just
need a decent camera. I can get my daughter in Oregon to edit video, and
I'm sure I can find somebody can do titles -- as in, purple crayon on
grocery bags.
>
>This is almost how George Romero and Robert Ramirez and Richard Linklater
got started. Oh yeah, John Waters too.
>
>Jim N6OTQ
>
>PS -- If you live within a hundred miles, ping me off-list. You're more
than welcome to come help, and I'll buy dinner and beer. Everybody else?
Austin TX is hot this time of year, but there's plenty to do and shooting
will only last a few hours. This is a nice place for a mini-vacation.
>
>>_____
>> From: MIKE DURKIN <Patriot121@... <mailto:Patriot121%40msn.com> >
>>To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
>>Sent: Thursday, May 31, 2012 6:46 PM
>>Subject: Re: [atlas_radio] Atlas radio
>>
>>I have an idea for the video ... a uniden 510pro inside an Atlas350XL
Chassis ...
>>
>>-----Original Message-----
>>

>>From: Jim
>>Sent: 31 May 2012 22:58:11 GMT
>>To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
>>Subject: Re: [atlas_radio] Atlas radio
>>
>>As group owner, I find such an idea utterly reprehensible -- but almost
quaint enough to suggest that maybe we hold an informal contest for the
group to come up with a suitable company name, a few slogans, and a business
plan for Chuck Groom Jr. and Martin "Radio Mart" Allison to use....
>>
>>The only prize? We spread the word against these two by way of some ugly
satire that goes viral. Video anybody? I can come up with some decent
props and sets here in Austin TX if anybody wants to take this all the way
to the hilt. I might even have some talent to play Chuck and Marty....
>>
>>Jim N6OTQ
>>
>>
>>
>>>_________________________________
>>> From: darrell huth <dh1338@... <mailto:dh1338%40hotmail.com> >
>>>To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
>>>Sent: Thursday, May 31, 2012 5:46 PM
>>>Subject: RE: [atlas_radio] Atlas radio
>>>
>>>
>>>Maybe he can go into business with radio-mart
>>>
>>
>>[Non-text portions of this message have been removed]
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>>[Non-text portions of this message have been removed]
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>>Yahoo! Groups Links
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>Yahoo! Groups Links
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922. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 21:48:37 UTC
From: JACK BREWER
Topic: 741 Message: 922

Sham Wow,Scam Wow, What.s the difference? It's all the same!
Jim , I have copies of original ads for the Atlas 400 if that will help.
Also I can take pictures of my 400, 350 and any of the other Atlas rigs and send you the memory card if that will help. Jack

---
From: Jim <n6otq@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Thursday, May 31, 2012 10:36 PM
Subject: Re: [atlas_radio] Atlas radio

Credit where credit is due.

I totally welcome your help, but I caution you to reserve judgment on whether you want your name on the credits until the final rush cut is ready. This vid will be harsh. Hopefully, it'll be screamingly hilarious in context, and humorous when totally out of context, but harsh.

But -- credits like

"Atlas 350XL #1 courtesy of AB2CDE"

might not ruin your professional career like "N6OTQ did this" might ruin mine ....

On the other hand, an "in-pieces" 350 with an intact front panel would be a lot more usable for this project, because it would be so much easier to insert non-production goodies inside, and much less likely to get damaged during production.

Jim N6OTQ

PS -- For shipping, I'm good in QRZ..com but the shoot site is somewhere else.

>---
> From: darrell huth <dh1338@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, May 31, 2012 9:12 PM
>Subject: RE: [atlas_radio] Atlas radio
>
>
>Will I get screen credits ?
>
>To: atlas_radio@yahoogroups.com
>From: Patriot121@msn.com
>Date: Thu, 31 May 2012 19:01:15 -0700
>Subject: Re: [atlas_radio] Atlas radio
>
>

>   Did you want pretty or ugly 350's?
>
>There is a nice looking one on the 350xl user group(I think you knee that though) ... I don't mind it being used ... but the owner might.
>
>Im the group owner but not of the picture per-say....
>
>Both of my 350's are in pieces right now ....
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

923. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-01 22:45:06 UTC
From: Jim
Topic: 741 Message: 923

Jack,

If you feel like taking "glamor" shots of your rigs, especially the 400, I'd love to have them and they likely will wind up in the photo section of the group, if that's OK with you.

I can take anything you want to send me. If it's a snail-mail delivery, I am good in QRZ.com -- sending a CD or DVD would probably be safer than sending a USB key drive, which is really the only thing besides CD/DVD I can read. I have a card reader, but memory cards are just too darned expensive to trust with the USPS.

73
Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Friday, June 1, 2012 4:48 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>Sham Wow,Scam Wow, What.s the difference? It's all the same!
>Jim , I have copies of original ads for the Atlas 400 if that will help.
>Also I can take pictures of my 400, 350 and any of the other Atlas rigs and send you the memory card if that will help. Jack
>
>
>_____
>From: Jim <n6otq@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, May 31, 2012 10:36 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>Credit where credit is due.
>
>I totally welcome your help, but I caution you to reserve judgment on whether you want your name on the credits until the final rush cut is ready. This vid will be harsh.
 Hopefully, it'll be screamingly hilarious in context, and humorous when totally out of context, but harsh.
>
>But -- credits like
>
>"Atlas 350XL #1 courtesy of AB2CDE"
>
>might not ruin your professional career like "N6OTQ did this" might ruin mine ....
>
>On the other hand, an "in-pieces" 350 with an intact front panel would be a lot more usable for this project, because it would be so much easier to insert non-production

goodies inside, and much less likely to get damaged during production.
>
>Jim N6OTQ
>
>PS -- For shipping, I'm good in QRZ..com but the shoot site is somewhere else.
>
>>_____
>> From: darrell huth <dh1338@...>
>>To: atlas_radio@yahoogroups.com
>>Sent: Thursday, May 31, 2012 9:12 PM
>>Subject: RE: [atlas_radio] Atlas radio
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>>To: atlas_radio@yahoogroups.com
>>From: Patriot121@...
>>Date: Thu, 31 May 2012 19:01:15 -0700
>>Subject: Re: [atlas_radio] Atlas radio
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>>
>>   Did you want pretty or ugly 350's?
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>>There is a nice looking one on the 350xl user group(I think you knee that though) ... I don't mind it being used ... but the owner might.
>>
>>Im the group owner but not of the picture per-say....
>>
>>Both of my 350's are in pieces right now ....
>

[Non-text portions of this message have been removed]

924. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-02 21:40:42 UTC
From: JACK BREWER
Topic: 741 Message: 924

Jim, took the pictures, got them on a CD, will get everything together and be in the mail Monday with priority mail, Jack

---
From: Jim <n6otq@...>
To: "atlas_radio@...m" <atlas_radio@yahoogroups.com>
Sent: Friday, June 1, 2012 6:45 PM
Subject: Re: [atlas_radio] Atlas radio

Jack,

If you feel like taking "glamor" shots of your rigs, especially the 400, I'd love to have them and they likely will wind up in the photo section of the group, if that's OK with you.

I can take anything you want to send me. If it's a snail-mail delivery, I am good in QRZ.com -- sending a CD or DVD would probably be safer than sending a USB key drive, which is really the only thing besides CD/DVD I can read. I have a card reader, but memory cards are just too darned expensive to trust with the USPS.

73
Jim N6OTQ

>---
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Friday, June 1, 2012 4:48 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>Sham Wow,Scam Wow, What.s the difference? It's all the same!
>Jim , I have copies of original ads for the Atlas 400 if that will help.
>Also I can take pictures of my 400, 350 and any of the other Atlas rigs and send you the memory card if that will help. Jack
>
>
>---
>From: Jim <n6otq@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, May 31, 2012 10:36 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>Credit where credit is due.
>
>I totally welcome your help, but I caution you to reserve judgment on whether you want your name on the credits until the final rush cut is ready. This vid will be harsh. Hopefully, it'll be screamingly hilarious in context, and humorous when totally out of context, but harsh.

>
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>
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>
>On the other hand, an "in-pieces" 350 with an intact front panel would be a lot more usable for this project, because it would be so much easier to insert non-production goodies inside, and much less likely to get damaged during production.
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>Jim N6OTQ
>
>PS -- For shipping, I'm good in QRZ..com but the shoot site is somewhere else.
>
>>_________________________________
>> From: darrell huth <dh1338@...>
>>To: atlas_radio@yahoogroups.com
>>Sent: Thursday, May 31, 2012 9:12 PM
>>Subject: RE: [atlas_radio] Atlas radio
>>
>>
>>Will I get screen credits ?
>>
>>To: atlas_radio@yahoogroups.com
>>From: Patriot121@...
>>Date: Thu, 31 May 2012 19:01:15 -0700
>>Subject: Re: [atlas_radio] Atlas radio
>>
>>
>>   Did you want pretty or ugly 350's?
>>
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>>
>>Im the group owner but not of the picture per-say....
>>
>>Both of my 350's are in pieces right now ....
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

925. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-02 21:41:33 UTC
From: Jim
Topic: 741 Message: 925

Thanks.

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Saturday, June 2, 2012 4:40 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>Jim, took the pictures, got them on a CD, will get everything together and be in the mail Monday with priority mail, Jack
>
>
>
>_____
>From: Jim <n6otq@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Friday, June 1, 2012 6:45 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>
>
>
>
>Jack,
>
>If you feel like taking "glamor" shots of your rigs, especially the 400, I'd love to have them and they likely will wind up in the photo section of the group, if that's OK with you.
>
>I can take anything you want to send me. If it's a snail-mail delivery, I am good in QRZ.com -- sending a CD or DVD would probably be safer than sending a USB key drive, which is really the only thing besides CD/DVD I can read. I have a card reader, but memory cards are just too darned expensive to trust with the USPS.
>
>73
>Jim N6OTQ
>
>>_____
>> From: JACK BREWER <jtelrbrewer@...>
>>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>>Sent: Friday, June 1, 2012 4:48 PM
>>Subject: Re: [atlas_radio] Atlas radio
>>
>>Sham Wow,Scam Wow, What.s the difference? It's all the same!

>>Jim , I have copies of original ads for the Atlas 400 if that will help.
>>Also I can take pictures of my 400, 350 and any of the other Atlas rigs and send you the memory card if that will help. Jack
>>
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>>_____
>>From: Jim <n6otq@...>
>>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>>Sent: Thursday, May 31, 2012 10:36 PM
>>Subject: Re: [atlas_radio] Atlas radio
>>
>>Credit where credit is due.
>>
>>I totally welcome your help, but I caution you to reserve judgment on whether you want your name on the credits until the final rush cut is ready. This vid will be harsh. Hopefully, it'll be screamingly hilarious in context, and humorous when totally out of context, but harsh.
>>
>>But -- credits like
>>
>>"Atlas 350XL #1 courtesy of AB2CDE"
>>
>>might not ruin your professional career like "N6OTQ did this" might ruin mine ....
>>
>>On the other hand, an "in-pieces" 350 with an intact front panel would be a lot more usable for this project, because it would be so much easier to insert non-production goodies inside, and much less likely to get damaged during production.
>>
>>Jim N6OTQ
>>
>>PS -- For shipping, I'm good in QRZ..com but the shoot site is somewhere else.
>>
>>>_____
>>> From: darrell huth <dh1338@hotmail.com>
>>>To: atlas_radio@yahoogroups.com
>>>Sent: Thursday, May 31, 2012 9:12 PM
>>>Subject: RE: [atlas_radio] Atlas radio
>>>
>>>
>>>Will I get screen credits ?
>>>
>>>To: atlas_radio@yahoogroups.com
>>>From: Patriot121@msn.com
>>>Date: Thu, 31 May 2012 19:01:15 -0700
>>>Subject: Re: [atlas_radio] Atlas radio
>>>
>>>
>>>   Did you want pretty or ugly 350's?
>>>
>>>There is a nice looking one on the 350xl user group(I think you knee that though) ...

I don't mind it being used ... but the owner might.
>>>
>>>Im the group owner but not of the picture per-say....
>>>
>>>Both of my 350's are in pieces right now ....
>>
>
>[Non-text portions of this message have been removed]
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>
>[Non-text portions of this message have been removed]
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>
>Yahoo! Groups Links
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>

[Non-text portions of this message have been removed]

926. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-03 23:09:55 UTC
From: JACK BREWER
Topic: 741 Message: 926

As great as this group is, how come no one has started an Atlas net. Maybe we could get all the Atlas groups together to form a great net, Maybe on 40 or 20 meters. How about it.?

From: Jim <n6otq@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Friday, June 1, 2012 6:45 PM
Subject: Re: [atlas_radio] Atlas radio

Jack,

If you feel like taking "glamor" shots of your rigs, especially the 400, I'd love to have them and they likely will wind up in the photo section of the group, if that's OK with you.

I can take anything you want to send me. If it's a snail-mail delivery, I am good in QRZ.com -- sending a CD or DVD would probably be safer than sending a USB key drive, which is really the only thing besides CD/DVD I can read. I have a card reader, but memory cards are just too darned expensive to trust with the USPS.

73
Jim N6OTQ

>---
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Friday, June 1, 2012 4:48 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>Sham Wow,Scam Wow, What.s the difference? It's all the same!
>Jim , I have copies of original ads for the Atlas 400 if that will help.
>Also I can take pictures of my 400, 350 and any of the other Atlas rigs and send you the memory card if that will help. Jack
>
>
>---
>From: Jim <n6otq@yahoo.com>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, May 31, 2012 10:36 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>Credit where credit is due.
>
>I totally welcome your help, but I caution you to reserve judgment on whether you want your name on the credits until the final rush cut is ready. This vid will be harsh.
 Hopefully, it'll be screamingly hilarious in context, and humorous when totally out of context, but harsh.

>
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>
>"Atlas 350XL #1 courtesy of AB2CDE"
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>might not ruin your professional career like "N6OTQ did this" might ruin mine ....
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>>From: Patriot121@...
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>>   Did you want pretty or ugly 350's?
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>>Im the group owner but not of the picture per-say....
>>
>>Both of my 350's are in pieces right now ....
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

927. RE: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-03 23:11:38 UTC
From: darrell huth
Topic: 741 Message: 927

We would have to get them all working ?

To: atlas_radio@yahoogroups.com
From: jtelrbrewer@...
Date: Sun, 3 Jun 2012 16:09:55 -0700
Subject: Re: [atlas_radio] Atlas radio

As great as this group is, how come no one has started an Atlas net. Maybe we could get all the Atlas groups together to form a great net, Maybe on 40 or 20 meters. How about it.?

_____

From: Jim <n6otq@...>

To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>

Sent: Friday, June 1, 2012 6:45 PM

Subject: Re: [atlas_radio] Atlas radio

Jack,

If you feel like taking "glamor" shots of your rigs, especially the 400, I'd love to have them and they likely will wind up in the photo section of the group, if that's OK with you.

I can take anything you want to send me. If it's a snail-mail delivery, I am good in QRZ.com -- sending a CD or DVD would probably be safer than sending a USB key drive, which is really the only thing besides CD/DVD I can read. I have a card reader, but memory cards are just too darned expensive to trust with the USPS.

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Jim N6OTQ

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> From: JACK BREWER <jtelrbrewer@...>

>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>

>Sent: Friday, June 1, 2012 4:48 PM

>Subject: Re: [atlas_radio] Atlas radio

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>Sham Wow,Scam Wow, What.s the difference? It's all the same!

>Jim , I have copies of original ads for the Atlas 400 if that will help.

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>From: Jim <n6otq@...>

>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>

>Sent: Thursday, May 31, 2012 10:36 PM

>Subject: Re: [atlas_radio] Atlas radio

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>> From: darrell huth <dh1338@...>

>>To: atlas_radio@yahoogroups.com

>>Sent: Thursday, May 31, 2012 9:12 PM

>>Subject: RE: [atlas_radio] Atlas radio

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>>To: atlas_radio@yahoogroups.com

>>From: Patriot121@...

>>Date: Thu, 31 May 2012 19:01:15 -0700

>>Subject: Re: [atlas_radio] Atlas radio

>>

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>> Did you want pretty or ugly 350's?

>>

>>There is a nice looking one on the 350xl user group(I think you knee that though) ... I don't mind it being used ... but the owner might.

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>>Im the group owner but not of the picture per-say....

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>>Both of my 350's are in pieces right now ....

>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

928. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-03 23:19:35 UTC
From: Jim
Topic: 741 Message: 928

A net has been suggested, but nobody's ever stepped up and organized it. I am QRT on those bands, but working on an NVIS antenna for 40, and an HF vertical when I can afford one -- with enough elevated radials to make a difference. Those will be at my remote shack, across town from my 3rd floor apartment home.

Setting up a net is as simple as having at least two people willing to work a regular sked week after week, AND find a spot on the band that's not on top of another net.

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Sunday, June 3, 2012 6:09 PM
>Subject: Re: [atlas_radio] Atlas radio
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>From: Jim <n6otq@yahoo.com>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Friday, June 1, 2012 6:45 PM
>Subject: Re: [atlas_radio] Atlas radio
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>Jack,
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>If you feel like taking "glamor" shots of your rigs, especially the 400, I'd love to have them and they likely will wind up in the photo section of the group, if that's OK with you.
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>I can take anything you want to send me. If it's a snail-mail delivery, I am good in QRZ.com -- sending a CD or DVD would probably be safer than sending a USB key drive, which is really the only thing besides CD/DVD I can read. I have a card reader, but memory cards are just too darned expensive to trust with the USPS.
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>73
>Jim N6OTQ
>
>>_____
>> From: JACK BREWER <jtelrbrewer@...>

>>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>>Sent: Friday, June 1, 2012 4:48 PM
>>Subject: Re: [atlas_radio] Atlas radio
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>>Sham Wow,Scam Wow, What.s the difference? It's all the same!
>>Jim , I have copies of original ads for the Atlas 400 if that will help.
>>Also I can take pictures of my 400, 350 and any of the other Atlas rigs and send you the memory card if that will help. Jack
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>>From: Jim <n6otq@...>
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>>
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>>
>>On the other hand, an "in-pieces" 350 with an intact front panel would be a lot more usable for this project, because it would be so much easier to insert non-production goodies inside, and much less likely to get damaged during production.
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>>PS -- For shipping, I'm good in QRZ..com but the shoot site is somewhere else.
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>>>_____
>>> From: darrell huth <dh1338@...>
>>>To: atlas_radio@yahoogroups.com
>>>Sent: Thursday, May 31, 2012 9:12 PM
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>>>   Did you want pretty or ugly 350's?
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

929. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-03 23:48:45 UTC
From: MIKE DURKIN
Topic: 741 Message: 929

I always thought the Swan net was to go to

-----Original Message-----

From: Jim
Sent: 3 Jun 2012 23:19:39 GMT
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas radio

A net has been suggested, but nobody's ever stepped up and organized it. I am QRT on those bands, but working on an NVIS antenna for 40, and an HF vertical when I can afford one -- with enough elevated radials to make a difference. Those will be at my remote shack, across town from my 3rd floor apartment home.

Setting up a net is as simple as having at least two people willing to work a regular sked week after week, AND find a spot on the band that's not on top of another net.

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Sunday, June 3, 2012 6:09 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>As great as this group is, how come no one has started an Atlas net. Maybe we could get all the Atlas groups together to form a great net, Maybe on 40 or 20 meters. How about it.?
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>From: Jim <n6otq@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Friday, June 1, 2012 6:45 PM
>Subject: Re: [atlas_radio] Atlas radio
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>
>Jack,
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>If you feel like taking "glamor" shots of your rigs, especially the 400, I'd love to have them and they likely will wind up in the photo section of the group, if that's OK with you.
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QRZ.com -- sending a CD or DVD would probably be safer than sending a USB key drive, which is really the only thing besides CD/DVD I can read. I have a card reader, but memory cards are just too darned expensive to trust with the USPS.
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>> From: JACK BREWER <jtelrbrewer@...>
>>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>>Sent: Friday, June 1, 2012 4:48 PM
>>Subject: Re: [atlas_radio] Atlas radio
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>>Sham Wow,Scam Wow, What.s the difference? It's all the same!
>>Jim , I have copies of original ads for the Atlas 400 if that will help.
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

930. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-04 00:02:41 UTC
From: Jim
Topic: 741 Message: 930

I haven't been there, but if they welcome Atlas owners, we could certainly gather there before seeing whether there's enough interest for an Atlas net.

Jim N6OTQ

>_____
> From: MIKE DURKIN <Patriot121@...>
>To: atlas_radio@yahoogroups.com
>Sent: Sunday, June 3, 2012 6:48 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>I always thought the Swan net was to go to
>
>-----Original Message-----
>
>From: Jim
>Sent: 3 Jun 2012 23:19:39 GMT
>To: atlas_radio@yahoogroups.com
>Subject: Re: [atlas_radio] Atlas radio
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>A net has been suggested, but nobody's ever stepped up and organized it. I am QRT on those bands, but working on an NVIS antenna for 40, and an HF vertical when I can afford one -- with enough elevated radials to make a difference. Those will be at my remote shack, across town from my 3rd floor apartment home.
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>Jim N6OTQ
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>>_____
>> From: JACK BREWER <jtelrbrewer@...>
>>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>>Sent: Sunday, June 3, 2012 6:09 PM
>>Subject: Re: [atlas_radio] Atlas radio
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>>Sent: Friday, June 1, 2012 6:45 PM
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>>Jack,
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>>If you feel like taking "glamor" shots of your rigs, especially the 400, I'd love to have them and they likely will wind up in the photo section of the group, if that's OK with you.
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>>>>To: atlas_radio@yahoogroups.com
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>>Yahoo! Groups Links
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

931. Re: [atlas_radio] Atlas radio

Yahoo group: atlas_radio
Date: 2012-06-04 00:18:27 UTC
From: MIKE DURKIN
Topic: 741 Message: 931

From their web page ...

Sunday 2100GMT on 14250Khz. Swan Technical Nets - Monday 2300GMT on 14252Khz. Saturday 2-4PM eastern time on 7235Khz.

-----Original Message-----

From: Jim
Sent: 4 Jun 2012 00:02:45 GMT
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas radio

I haven't been there, but if they welcome Atlas owners, we could certainly gather there before seeing whether there's enough interest for an Atlas net.

Jim N6OTQ

>_____
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>Subject: Re: [atlas_radio] Atlas radio
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>To: atlas_radio@yahoogroups.com
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>>_____
>>From: Jim <n6otq@...>
>>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>>Sent: Friday, June 1, 2012 6:45 PM
>>Subject: Re: [atlas_radio] Atlas radio
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>>Jack,
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>>If you feel like taking "glamor" shots of your rigs, especially the 400, I'd love to have them and they likely will wind up in the photo section of the group, if that's OK with you.
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>>I can take anything you want to send me. If it's a snail-mail delivery, I am good in QRZ.com -- sending a CD or DVD would probably be safer than sending a USB key drive, which is really the only thing besides CD/DVD I can read. I have a card reader, but memory cards are just too darned expensive to trust with the USPS.
>>
>>73
>>Jim N6OTQ
>>
>>>>_____
>>> From: JACK BREWER <jtelrbrewer@verizon.net>
>>>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>>>Sent: Friday, June 1, 2012 4:48 PM
>>>Subject: Re: [atlas_radio] Atlas radio
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>>>Sham Wow,Scam Wow, What.s the difference? It's all the same!
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>>>_____
>>>From: Jim <n6otq@...>
>>>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>>>Sent: Thursday, May 31, 2012 10:36 PM
>>>Subject: Re: [atlas_radio] Atlas radio

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>>>
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>>>
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>>>PS -- For shipping, I'm good in QRZ..com but the shoot site is somewhere else.
>>>
>>>>_____
>>>> From: darrell huth <dh1338@...>
>>>>To: atlas_radio@yahoogroups.com
>>>>Sent: Thursday, May 31, 2012 9:12 PM
>>>>Subject: RE: [atlas_radio] Atlas radio
>>>>
>>>>
>>>>Will I get screen credits ?
>>>>
>>>>To: atlas_radio@yahoogroups.com
>>>>From: Patriot121@msn.com
>>>>Date: Thu, 31 May 2012 19:01:15 -0700
>>>>Subject: Re: [atlas_radio] Atlas radio
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>>>>   Did you want pretty or ugly 350's?
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932. Hello All

Yahoo group: atlas_radio
Date: 2012-06-05 14:59:18 UTC
From: tumang2k
Topic: 932 Message: 932

I was wondering if any one knows of a tech in Orlando, FL, I have a

Atlas 350 XL that needs some tlc, thanks for any info

Tu

933. Re: [atlas_radio] Atlas radioget my mail yet?? Let me know. Jack

Yahoo group: atlas_radio
Date: 2012-06-08 21:40:19 UTC
From: JACK BREWER
Topic: 741 Message: 933

Jim, You get my mail yet?? Let me know, Jack

_____
From: Jim <n6otq@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Sunday, June 3, 2012 8:02 PM
Subject: Re: [atlas_radio] Atlas radio

I haven't been there, but if they welcome Atlas owners, we could certainly gather there before seeing whether there's enough interest for an Atlas net.

Jim N6OTQ

>_____
> From: MIKE DURKIN <Patriot121@...>
>To: atlas_radio@yahoogroups.com
>Sent: Sunday, June 3, 2012 6:48 PM
>Subject: Re: [atlas_radio] Atlas radio
>
>I always thought the Swan net was to go to
>
>-----Original Message-----
>
>From: Jim
>Sent: 3 Jun 2012 23:19:39 GMT
>To: atlas_radio@yahoogroups.com
>Subject: Re: [atlas_radio] Atlas radio
>
>A net has been suggested, but nobody's ever stepped up and organized it. I am QRT on those bands, but working on an NVIS antenna for 40, and an HF vertical when I can afford one -- with enough elevated radials to make a difference. Those will be at my remote shack, across town from my 3rd floor apartment home.
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>>_____
>> From: JACK BREWER <jtelrbrewer@...>
>>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>>Sent: Sunday, June 3, 2012 6:09 PM
>>Subject: Re: [atlas_radio] Atlas radio

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>>As great as this group is, how come no one has started an Atlas net. Maybe we could get all the Atlas groups together to form a great net, Maybe on 40 or 20 meters. How about it.?
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934. Re: [atlas_radio] Atlas radioget my mail yet?? Let me know. Jack

Yahoo group: atlas_radio
Date: 2012-06-08 23:16:06 UTC
From: Jim
Topic: 741 Message: 934

I haven't checked today's mail yet -- maybe not until tomorrow morning.

I spent the day cleaning my mom's garage, and I'm pretty bushed.

Jim N6OTQ

>_____
> From: JACK BREWER <jtelrbrewer@verizon.net>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Friday, June 8, 2012 4:40 PM
>Subject: Re: [atlas_radio] Atlas radioget my mail yet?? Let me know. Jack
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>Jim, You get my mail yet?? Let me know,   Jack
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>From: Jim <n6otq@yahoo.com>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Sunday, June 3, 2012 8:02 PM
>Subject: Re: [atlas_radio] Atlas radio
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>>>>>To: atlas_radio@yahoogroups.com
>>>>>Sent: Thursday, May 31, 2012 9:12 PM
>>>>>Subject: RE: [atlas_radio] Atlas radio
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>>>>>To: atlas_radio@yahoogroups.com
>>>>>From: Patriot121@...
>>>>>Date: Thu, 31 May 2012 19:01:15 -0700
>>>>>Subject: Re: [atlas_radio] Atlas radio

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935. CS-220 question

Yahoo group: atlas_radio
Date: 2012-06-16 00:15:23 UTC
From: Jim
Topic: 935 Message: 935

Hi all

As I was refurbing my Atlas consoles, I discovered that my CS-220 has TWO of 12 ohm 10 watt resistors in the line from the transformer center tap to the collector of the 2N5490 regulator transistor. The schematic shows only one. Is this correct, or ...?

Would somebody be kind enough to check theirs and see? This is visible without disassembly by looking down in the back of the console behind the speaker. On mine, it's two matching brown Ohmite ceramic resistors, side by side.

My schematic is from the Atlas 210x/215x manual. Sorry, Herb didn't version these things .... if it helps, the s/n is PS 5637 H.

73
Jim N6OTQ

[Non-text portions of this message have been removed]

936. Atlas 350-XL For Sale

Yahoo group: atlas_radio
Date: 2012-06-18 17:35:46 UTC
From: tsmerk
Topic: 936 Message: 936

I have decided to sell my Atlas 350-XL. It has the optional model 305 auxiliary VFO and the digital readout which doubles as a frequency counter. I have installed crystals for 12 meter and 30 meter bands, but I haven't got them working quite right yet, so you might need to clean or adjust the auxiliary crystal socket board.

I have used this as my main rig and have received many excellent signal reports, but I wanted the buyer to know that there may be a few issues you will need to look at before this rig is brought to pristine condition. Cosmetically, it is one of the nicest 350's I have ever seen - I would rate it "near new." I have recently taken this to a technician who is considered to be the top man for Atlas, Swan and Cubic rigs. He was employed by Atlas before they closed. He provided me with a report of what is needed to bring this rig to 100% condition. I have decided instead to purchase a Kenwood because the price was too good to pass up and also because I cannot afford at this time to put any more money into the Atlas. I bought it with the understanding that it was in perfect working order for a rig this old, so I paid a little too much for it, and I don't want to put any more money into it. I realize that I might have to take a loss when I sell it. This would be ideal for those of you that like to do your own repair and adjustment work. I will include a copy of the service manual to make it easier for you to work on the unit The service manual is fairly clear how to perform most of the needed calibrations. It is also available online if you want to see it ahead of time. You can put in your own labor and end up with one of the finest 350-XLs in existence!

Here is a list of what the technician said is wrong with the rig. I want to be up front with you before you buy it so that there are no surprises and no disappointments. Please realize that you can use the radio without doing any more work, but the following is necessary to bring it up to specs similar to a brand new rig.

RF output in Tune/CW mode into 50 Ohm load:

160M: 35W
80M : 60W
40W : 35W
20M : 90W
15M : 25W
10M : 100W

Which means that you may have to tweak it to bring up the power. Most of you know how to do this, preselector coils, other adjustments, etc. With adjustments and a good matched antenna, you should be able to get well over 100 watts output. I have heard of some 350s putting out closer to 200 watts! It is rated at 350 watts PEP.

Also, the technician reports that the ALC Front Panel Control has no affect on SSB output, but it worked fine for me and for the previous owner, but I wanted to mention this because it was on his report.

AF Gain pot needs cleaned or replaced.

Intermittent crackling noise noted while tuning Pre Selector control though range (probably needs cleaning - what older radio doesn't have intermittent crackling noise?).

Technician reports that S-meter is reading 4 S units low, but I noticed no problem with it. My signal reports to other hams
matched what other stations were also reporting. The s-meter on any rig, even newer ones, could benefit from a recalibration.

Technician reports that the Noise blanker is inoperative. I suspect that he didn't bother to test this in his car, so it would not have any benefit on a base unit. Maybe this does actually work - I've never used it mobile either - too big of a rig for mobile use!

Technician reports that the AUX VFO FIne control on front panel is inoperative from 1 o'clock to 3 o'clock. Could be - I never had a need to use the second VFO. This was an option anyway - most 350's don't even have the second VFO.

Technician reports that the receiver sensitivity is good on each band. I confirm - this is the best receiver I have ever heard! It pulls stations out of the background even better than the new rigs with all of their modern technology! If you never owned an Atlas 350-XL, you will simply love this receiver!

Technician reports that the rig is out of alignment. I disagree because when I used it, all freqs were dead on. But of course, anyone buying an older rig would probably want to do a realignment anyway.

160M rec and transmit performance is poor. Crystal activity lower than normal. (Crystal freq is 12.6Mhz) You may want to replace the crystal if you are going to use the 160 meter band a lot. I just bought some crystals for $24 from Brian Carling in Florida, so this is not a major thing. I never got much out of the 160 meter band, but the previous owner said that 160 m put out 100 watts for him. Most people don't even have an antenna big enough for 160 meters, so maybe this won't be an issue for you.

Even with all that I reported, this unit probably compares favorably with others that are currently on the market, if any (this is getting to be a scare beast!). One benefit I would like you to consider before making an offer is that I am being honest and up front in letting you know the exact condition of this rig as diagnosed by an excellent technician. Most sellers wouldn't tell you if there was anything wrong, but that is not the way I do business.

Because of the age of the rig, I am selling AS IS, although I do not anticipate that there is anything else wrong with it other than what I described. You will need at least a 30-35 amp power supply once you get full power restored.

I will have photos available as soon as I get this back from the shop, but as I said, cosmetically, you will see a radio that looks almost new. You all know the rest of the story, or else you would not be a member of this group!

Make me an offer if you are interested. The price of these seem to range from $280 for a broken one to $695 for a pristine rig, so I am not sure what a fair price would be. I want to give this Yahoo group the first chance to purchase this. If I have no takers here, I will put it on eBay and probably get more money for it, but I really don't want to deal with eBay and all the work that goes with listing it and answering inquiries from people that don't know what this is - you know what I mean! Plus, I know how badly you all would like to own one of these (or in some cases, a second or a third 350!)

Contact me at either tsmerk@... or tom@tomsmerk.com. I can furnish my phone number if you need to talk with me directly. Many of you already know me through this group, but just so you know who is selling this, I am listed on QRZ and ARRL, I am an extra class operator and have been a ham since 1988. I am also a dedicated follower of the Atlas and the Atlas 350 Yahoo groups. I want this rig to have a good home with someone who has been looking for one of these, and I feel that there are several members here that might be interested. If I was more confident in doing my own work, I would keep this and cherish it, but competent technicians charge more than I can afford at this time. I need to keep reminding myself that this is a hobby - not my profession!! I'll wait to hear from you by email with your offer. Thanks!

937. I need a knob or a '210

Yahoo group: atlas_radio
Date: 2012-06-18 23:29:20 UTC
From: Jim
Topic: 937 Message: 937

Does anybody have a spare knob for the mode/band selector switches on the right-hand side of the front panel?

I just need one and will pay a fair price plus shipping for an original.

Thanks and 73
Jim N6OTQ

[Non-text portions of this message have been removed]

938. RE: [atlas_radio] I need a knob or a '210

Yahoo group: atlas_radio
Date: 2012-06-19 00:40:29 UTC
From: MIKE DURKIN
Topic: 937 Message: 938

210/215/180/---350XL?

-----Original Message-----

From: Jim
Sent: 18 Jun 2012 23:29:23 GMT
To: atlas210x-215x@yahoogroups.com,atlas_radio@yahoogroups.com
Subject: [atlas_radio] I need a knob or a '210

Does anybody have a spare knob for the mode/band selector switches on the right-hand side of the front panel?

I just need one and will pay a fair price plus shipping for an original.

Thanks and 73
Jim N6OTQ

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939. Re: [atlas_radio] I need a knob or a '210

Yahoo group: atlas_radio
Date: 2012-06-19 00:50:12 UTC
From: Jim
Topic: 937 Message: 939

For a 210.

>_____
> From: MIKE DURKIN <Patriot121@...>
>To: atlas_radio@yahoogroups.com
>Sent: Monday, June 18, 2012 7:40 PM
>Subject: RE: [atlas_radio] I need a knob or a '210
>
>210/215/180/---350XL?
>
>-----Original Message-----
>
>From: Jim
>Sent: 18 Jun 2012 23:29:23 GMT
>To: atlas210x-215x@yahoogroups.com,atlas_radio@...m
>Subject: [atlas_radio] I need a knob or a '210
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>Does anybody have a spare knob for the mode/band selector switches on the right-hand side of the front panel?
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940. Q: Correct case cover screws for Atlas 210/215 and CS-220

Yahoo group: atlas_radio
Date: 2012-06-26 23:50:23 UTC
From: Jim
Topic: 940 Message: 940

Hi

Does anybody here have a CORRECT list of the screws used in the Atlas 210/215 transceivers and the AR-127 / CS-220 console covers? Or known-pristine examples they can take apart?

I am trying to assemble kits containing the exactly correct screws, to make them available for restoration purposes. All my Atlases had mis-matched or missing screws, and I want to put this back to right.

Some of the case holes are tapered for flat-head screws. Some holes are 4-40 and some are sheetmetal thread. Some screws were panheads, but when panhead screws are used on the side covers of the XCVR, it won't fit in the console. I can say with some reasonable degree of certainty that all were black-colored, or SHOULD have been.

And as part of this project I am trying to find a homebrew process to turn stainless steel screws back. I know that I can heat them and put oil on them, and this will give me the result I want ... for a lot cheaper than finding black screws out in the world.

The "screw list" will obviously be shared gratis with the Atlas world, and as soon as I see what I will need to do to assemble kits, I should be able to market them for well under $10 a kit, with a copy of the "screw list." I may even provide an illustrated diagram, but I am not sure about that yet.

Thanks for any help the two groups can give.

Jim N6OTQ

[Non-text portions of this message have been removed]

941. Re: [atlas_radio] Q: Correct case cover screws for Atlas 210/215 and CS-220

Yahoo group: atlas_radio
Date: 2012-06-27 01:32:25 UTC
From: Bill Cromwell
Topic: 940 Message: 941

From: Jim <n6otq@...>
To: "atlas210x-215x@yahoogroups.com" <atlas210x-215x@yahoogroups.com>; "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Tuesday, June 26, 2012 7:50 PM
Subject: [atlas_radio] Q: Correct case cover screws for Atlas 210/215 and CS-220

Hi

Does anybody here have a CORRECT list of the screws used in the Atlas 210/215 transceivers and the AR-127 / CS-220 console covers? Or known-pristine examples they can take apart?

Hi Jim,

I have an Atlas 180 - my claim to being part of the Atlas world. It's the same as the 210/215 only different <evil grin>. It covers diafferent bands - 160 through 20 meters. I will remove a couple of the screws and take them over to the hardware store so we can get it right. I'm interested in the trick that turns SS screws black! Without weakening them.

It'll take me a day or two to get to those screws.

73,

Bill KU8H

[Non-text portions of this message have been removed]

942. Re: [atlas_radio] Q: Correct case cover screws for Atlas 210/215 and CS-220

Yahoo group: atlas_radio
Date: 2012-06-27 13:02:53 UTC
From: Jim
Topic: 940 Message: 942

Hi Bill

No need to take them all out -- they're 4-40 pan head and 4-40 flathead 3/16" and also panhead machine screw size unknown but I think #4 at 3/16"

The REAL issue is -- which screws are used where? That's the important part, since you can run a 4-40 screw into a #4 sheetmetal screw hole a few times, and vice versa, a few times but after that they all stop staying in.

73
Jim N6OTQ

>_____
> From: Bill Cromwell <w_r_cromwell@...>
>To: "n6otq@..." <atlas_radio@yahoogroups.com>
>Sent: Tuesday, June 26, 2012 8:32 PM
>Subject: Re: [atlas_radio] Q: Correct case cover screws for Atlas 210/215 and CS-220
>
>
>
>
>
>_____
>From: Jim <n6otq@...>
>To: "atlas210x-215x@yahoogroups.com" <atlas210x-215x@yahoogroups.com>;
"atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Tuesday, June 26, 2012 7:50 PM
>Subject: [atlas_radio] Q: Correct case cover screws for Atlas 210/215 and CS-220
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>It'll take me a day or two to get to those screws.

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>73,
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>Bill KU8H
>
>[Non-text portions of this message have been removed]
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

943. Atlas 110 twins service manuals ?

Yahoo group: atlas_radio
Date: 2012-07-22 16:39:55 UTC
From: gregburrowskd2pk
Topic: 943 Message: 943

I have owned a set of 110 twins (including a 200W afterburner) since the mid 1980s and have been having a probem with overheating of the transmitter amplifier (just ahead of the main driver). After a lot of work, I solved the problem by adding a 1" muffin fan inside the rear of the TX cabinet, just behind the transmitter pc board to cool the top hat of the transistor. I have already replaced the transistor in case it was not 100 %, checked all of the components surrounding the transistor, and made sure that those components were as specified on the schematic to insure that a previous owner had not made any substitutions.

I already have a complete set of schematics and owner's manual.

I would like to find a factory service manual which would hopefully have the settings and adjustments for the POTs, CAPs, and coils.
I would be happy to pay for copying and shipping of such a manual.

Thank you

73
greg
kd2pk

944. Re: [atlas_radio] Atlas 110 twins service manuals ?

Yahoo group: atlas_radio
Date: 2012-07-23 20:06:24 UTC
From: JACK BREWER
Topic: 943 Message: 944

Greg, I also have the 110 twins, 2 of them as a matter of fact. Sorry I don't have what you are looking for,I don't even have the manuals and schematics that you have. Would it be possible to get a copy of what you have from you? I will gladly pay for your time and expenses including postage. Jack WA3VZK good on qrz

---

From: gregburrowskd2pk <gwburrows@...>
To: atlas_radio@yahoogroups.com
Sent: Sunday, July 22, 2012 12:39 PM
Subject: [atlas_radio] Atlas 110 twins service manuals ?

I have owned a set of 110 twins (including a 200W afterburner) since the mid 1980s and have been having a probem with overheating of the transmitter amplifier (just ahead of the main driver). After a lot of work, I solved the problem by adding a 1" muffin fan inside the rear of the TX cabinet, just behind the transmitter pc board to cool the top hat of the transistor. I have already replaced the transistor in case it was not 100 %, checked all of the components surrounding the transistor, and made sure that those components were as specified on the schematic to insure that a previous owner had not made any substitutions.

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I would like to find a factory service manual which would hopefully have the settings and adjustments for the POTs, CAPs, and coils.
I would be happy to pay for copying and shipping of such a manual.

Thank you

73
greg
kd2pk

[Non-text portions of this message have been removed]

945. Good Atlas 350?

Yahoo group: atlas_radio
Date: 2012-07-24 21:39:52 UTC
From: kb0sfp
Topic: 945 Message: 945

I've heard all the bad stuff which I guess is extensive. My question, is there any such thing as a good working 350?

KB0SFP

946. RE: [atlas_radio] Good Atlas 350?

Yahoo group: atlas_radio
Date: 2012-07-24 22:18:02 UTC
From: MIKE DURKIN
Topic: 945 Message: 946

Look at the 350xl yahoo page .... the one in the picture worked great ... I think the owner even posted a video up doing qsk cw...

-----Original Message-----

From: kb0sfp
Sent: 24 Jul 2012 21:39:58 GMT
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Good Atlas 350?

I've heard all the bad stuff which I guess is extensive. My question, is there any such thing as a good working 350?

KB0SFP

[Non-text portions of this message have been removed]

947. Re: [atlas_radio] Good Atlas 350?

Yahoo group: atlas_radio
Date: 2012-07-26 00:19:45 UTC
From: JACK BREWER
Topic: 945 Message: 947

Yes there is!!!! I have 2 and they work just fine!!!! WA3VZK

From: kb0sfp <spike.dennis@...>
To: atlas_radio@yahoogroups.com
Sent: Tuesday, July 24, 2012 5:39 PM
Subject: [atlas_radio] Good Atlas 350?

I've heard all the bad stuff which I guess is extensive. My question, is there any such thing as a good working 350?

KB0SFP

[Non-text portions of this message have been removed]

948. Re: [atlas_radio] Good Atlas 350?

Yahoo group: atlas_radio
Date: 2012-07-26 12:43:23 UTC
From: Jerry Spears
Topic: 945 Message: 948

I have a 350 and a 210x both work great. W9PB

From: JACK BREWER <jtelrbrewer@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Wed, July 25, 2012 8:19:50 PM
Subject: Re: [atlas_radio] Good Atlas 350?

Yes there is!!!! I have 2 and they work just fine!!!! WA3VZK

From: kb0sfp <spike.dennis@...>
To: atlas_radio@yahoogroups.com
Sent: Tuesday, July 24, 2012 5:39 PM
Subject: [atlas_radio] Good Atlas 350?

I've heard all the bad stuff which I guess is extensive. My question, is there
any such thing as a good working 350?

KB0SFP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

949. Re: [atlas_radio] Good Atlas 350?

Yahoo group: atlas_radio
Date: 2012-07-27 14:18:54 UTC
From: Giuli Lanto
Topic: 945 Message: 949

Jerry,

I think my early 350 is a superb machine with a really wonderful receiver and sharp filters.
Anyway, from my experience, I would reccomend it only to someone with some tech skill.
Late model, having the TX GAIN control, is better than the early one.

with regards

Giuliano, IV3DLW

From: Jerry Spears <jerryind@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, July 26, 2012 1:43 PM
Subject: Re: [atlas_radio] Good Atlas 350?

I have a 350 and a 210x both work great. W9PB

From: JACK BREWER <mailto:jtelrbrewer%40verizon.net>
To: "mailto:atlas_radio%40yahoogroups.com" <mailto:atlas_radio%40yahoogroups.com>
Sent: Wed, July 25, 2012 8:19:50 PM
Subject: Re: [atlas_radio] Good Atlas 350?

Yes there is!!!! I have 2 and they work just fine!!!! WA3VZK

From: kb0sfp <mailto:spike.dennis%40yahoo.com>
To: mailto:atlas_radio%40yahoogroups.com
Sent: Tuesday, July 24, 2012 5:39 PM
Subject: [atlas_radio] Good Atlas 350?

I've heard all the bad stuff which I guess is extensive. My question, is there
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KB0SFP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

950. Re: [atlas_radio] Good Atlas 350?

Yahoo group: atlas_radio
Date: 2012-07-28 02:23:27 UTC
From: Jerry Spears
Topic: 945 Message: 950

I agree, as a retired engineer I would not recommend a 350, tech skills needed.
Mine works great but
had to re-align and work on stability issues. Mine does have the TX gain
control.....would like to find the
aux vfo...

From: Giuli Lanto <la_uto@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Fri, July 27, 2012 10:18:48 PM
Subject: Re: [atlas_radio] Good Atlas 350?

Jerry,

I think my early 350 is a superb machine with a really wonderful receiver and
sharp filters.
Anyway, from my experience, I would reccomend it only to someone with some tech
skill.
Late model, having the TX GAIN control, is better than the early one.

with regards

Giuliano, IV3DLW

From: Jerry Spears <jerryind@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, July 26, 2012 1:43 PM
Subject: Re: [atlas_radio] Good Atlas 350?

I have a 350 and a 210x both work great. W9PB

From: JACK BREWER <mailto:jtelrbrewer%40verizon.net>
To: "mailto:atlas_radio%40yahoogroups.com"
<mailto:atlas_radio%40yahoogroups.com>
Sent: Wed, July 25, 2012 8:19:50 PM
Subject: Re: [atlas_radio] Good Atlas 350?

Yes there is!!!! I have 2 and they work just fine!!!! WA3VZK

From: kb0sfp <mailto:spike.dennis%40yahoo.com>
To: mailto:atlas_radio%40yahoogroups.com
Sent: Tuesday, July 24, 2012 5:39 PM
Subject: [atlas_radio] Good Atlas 350?

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KB0SFP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

951. Re: [atlas_radio] Good Atlas 350?

Yahoo group: atlas_radio
Date: 2012-07-28 22:40:44 UTC
From: JACK BREWER
Topic: 945 Message: 951

As a retired Tech and not an Engineer, my thoughts are,if you passed the General test honestly and not just memorised the questions and answers as with most no-code hams do nowadays, you should have the skills and expertise to dig into a 350 unafraid. As long as you can read a schematic and understand what the components are and what the stages do, then it's not that bad. You do need some test equipment though and know how to use it.

[Non-text portions of this message have been removed]

952. Re: Atlas 110 twins service manuals ?

Yahoo group: atlas_radio
Date: 2012-08-09 11:14:22 UTC
From: gregburrowskd2pk
Topic: 943 Message: 952

8/9

Did you receive the manuals that I sent you last week ?

g

--- In atlas_radio@yahoogroups.com, JACK BREWER <jtelrbrewer@...> wrote:
>
> Greg,Â Â IÂ also have the 110 twins, 2 of them as a matter of fact. Sorry I don't have what you are looking for,I don't even have the manuals and schematics that you have. Would it be possible to get a copy of what you have from you?Â I will gladly pay for your time and expenses including postage. Jack WA3VZKÂ Â good on qrz
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>
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> _____
> From: gregburrowskd2pk <gwburrows@...>
> To: atlas_radio@yahoogroups.com
> Sent: Sunday, July 22, 2012 12:39 PM
> Subject: [atlas_radio] Atlas 110 twins service manuals ?
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> I have owned a set of 110 twins (including a 200W afterburner) since the mid 1980s and have been having a probem with overheating of the transmitter amplifier (just ahead of the main driver). After a lot of work, I solved the problem by adding a 1" muffin fan inside the rear of the TX cabinet, just behind the transmitter pc board to cool the top hat of the transistor. I have already replaced the transistor in case it was not 100 %, checked all of the components surrounding the transistor, and made sure that those components were as specified on the schematic to insure that a previous owner had not made any substitutions.
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> I would like to find a factory service manual which would hopefully have the settings and adjustments for the POTs, CAPs, and coils.
> I would be happy to pay for copying and shipping of such a manual.
>
> Thank you
>
> 73
> greg
> kd2pk
>
>

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>
> [Non-text portions of this message have been removed]
>

953. Re: [atlas_radio] Re: Atlas 110 twins service manuals ?

Yahoo group: atlas_radio
Date: 2012-08-10 00:27:19 UTC
From: JACK BREWER
Topic: 943 Message: 953

Greg Sorry I couldn't get back to you sooner. Went into the hospital Monday. Went there with the wife for a 2 week after her back surgery checkup and all was excellent. Was going to the car and had a really weird feeling, dizzy and extreme weakness. Had the wife drive me around to emergency entrance. Got admitted right away and the tests began, for 3 days. Found that blood pressure was really eratic. Don't know why?? Was going from 153 over 38 at check in to 132 over 68 to 145 over53. All over the place. discharged and need to follow up with several Dr's. OK now but still varies, just not so bad. I still have weird moments. Will see 1st Dr tommorow morn at 9:00 am. Glad you cheated mother nature and the storm. Wife brought mail to me in hospital and spent tuesday evening looking at everything. Got notes on schematic that don't make sense but will compare with what I have on both of my 110's. I don't know if mine are the lo or hi power units,
will check. Will get payment in mail to you hopefully tommorrow, Many thanks, Jack WA3VZK

_____
From: gregburrowskd2pk <gwburrows@...>
To: atlas_radio@...m
Sent: Thursday, August 9, 2012 7:14 AM
Subject: [atlas_radio] Re: Atlas 110 twins service manuals ?

8/9

Did you receive the manuals that I sent you last week ?

g

--- In mailto:atlas_radio%40yahoogroups.com, JACK BREWER <jtelrbrewer@...> wrote:
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> Greg,Â Â IÂ also have the 110 twins, 2 of them as a matter of fact. Sorry I don't have what you are looking for,I don't even have the manuals and schematics that you have. Would it be possible to get a copy of what you have from you?Â I will gladly pay for your time and expenses including postage. Jack WA3VZKÂ Â good on qrz
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> _____
> From: gregburrowskd2pk <gwburrows@...>
> To: mailto:atlas_radio%40yahoogroups.com
> Sent: Sunday, July 22, 2012 12:39 PM
> Subject: [atlas_radio] Atlas 110 twins service manuals ?
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> kd2pk
>
>
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> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

954. Re: [atlas_radio] Re: Atlas 110 twins service manuals ?

Yahoo group: atlas_radio
Date: 2012-08-10 10:58:46 UTC
From: gwburrows@aol.com/KD2PK
Topic: 943 Message: 954

Good Morning Jack !

I am sorry to hear about your health issues. I had figured that something was up.

When you are ready, please write me about the notes that you have questions about. One of the main points that I would make is that there is a high probability that individual owners made unofficial modifications to their units to make them improved. For example, mine has a zero beat oscillator to use to find the center frequency on CW...great add on. I myself added a cooling muffin fan on the main transmitter which required a resistor and voltage source.

So let me know when you have questions.

Get Well Soon !

73
greg
kd2pk

-----Original Message-----
From: JACK BREWER <jtelrbrewer@...>
To: atlas_radio <atlas_radio@yahoogroups.com>
Sent: Thu, Aug 9, 2012 8:28 pm
Subject: Re: [atlas_radio] Re: Atlas 110 twins service manuals ?

Greg Sorry I couldn't get back to you sooner. Went into the hospital Monday. Went there with the wife for a 2 week after her back surgery checkup and all was excellent. Was going to the car and had a really weird feeling, dizzy and extreme weakness. Had the wife drive me around to emergency entrance. Got admitted right away and the tests began, for 3 days. Found that blood pressure was really eratic. Don't know why?? Was going from 153 over 38 at check in to 132 over 68 to 145 over53. All over the place. discharged and need to follow up with several Dr's. OK now but still varies, just not so bad. I still have weird moments. Will see 1st Dr tommorow morn at 9:00 am. Glad you cheated mother nature and the storm. Wife brought mail to me in hospital and spent tuesday evening looking at everything. Got notes on schematic that don't make sense but will compare with what I have on both of my 110's. I don't know if mine are the lo or hi power units,
will check. Will get payment in mail to you hopefully tommorrow, Many thanks, Jack WA3VZK

From: gregburrowskd2pk <gwburrows@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, August 9, 2012 7:14 AM
Subject: [atlas_radio] Re: Atlas 110 twins service manuals ?

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> Subject: [atlas_radio] Atlas 110 twins service manuals ?
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> 73
> greg
> kd2pk
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

955. Atlas 210 with fingerhole knob

Yahoo group: atlas_radio
Date: 2012-09-03 00:11:57 UTC
From: johnhutchinsusa
Topic: 955 Message: 955

I have a 210 with the bumpy dial and machined pointer in the frequency display. It also had the Heathkit fingerhole knob.
Found a fingerhole knob this weekend at Shelby 'fest I like much better and it is much cheaper than the Heath knobs.
It's the MFJ skirted fingerhole knob presently 10 bucks.
Put a picture in the photos section in a directory with the same name as the subject.
There are a lot of fancier rigs out there,but not much that I enjoy more than the '210.

73, John WB4NNY

956. Re: SIGMA RELAYS FOR 210X

Yahoo group: atlas_radio
Date: 2012-09-04 06:42:58 UTC
From: Michael
Topic: 467 Message: 956

any luck?

Mike KC7NOA

--- In atlas_radio@yahoogroups.com, Paul Mateer <paul.aa9gg@...> wrote:
>
> Try these guys:
> http://www.relayspec.com/Company_listings/j/jopp/company_info.htm
>
>
> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com
> NAQCC 3123, SKCC 4628, FPQRP 2003
>

957. Atlas TX-110 and RX110 twins for sale

Yahoo group: atlas_radio
Date: 2012-09-21 18:49:25 UTC
From: gregburrowskd2pk
Topic: 957 Message: 957

Exellent condition, heating problem with rf stage 1 (amplifier transistor) solved with 1" muffin fan. Please only contact me if you are seriously interested. THNX and 73

959. RE: [atlas_radio] Introducing/reintroducing myself - Eric - American Eagle 813

Yahoo group: atlas_radio
Date: 2012-10-17 15:06:50 UTC
From: MIKE DURKIN
Topic: 958 Message: 959

So was it easy pushing your Atlas down to CB area? Did you do the AM mods? ... does it sound good or would a a.m. filter do it better job?

To: atlas_radio@yahoogroups.com
From: EricExtreme@...
Date: Wed, 17 Oct 2012 14:23:16 +0000
Subject: [atlas_radio] Introducing/reintroducing myself - Eric - American Eagle 813

I am new to this group and will properly introduce myself.

My name is Eric Extreme and I am from Auburn, Massachusetts. You may have heard me DXing on the airwaves using the call sign 2 American Eagle 813 or simply American Eagle 813. Locally I am known as "Extreme".

I have been involved with the hobby since 1992 (20 years going strong!)

I keep all of my DXing logs and hobby history online on my website at http://www.ExtremeRadio.us (no it is not a company and doesn't sell anything. It is just my personal story/log website)

I spend most of my time on 27.385 LSB (38). Sometimes I may also be heard on random AM channels between 22 & 28 DXing.

I hope to catch some of you on the airwaves. If you here me out there please give me a shout or let me know that you heard me out there.

73!

Catch a radio wave, Hang 10-4 !!!

- Eric Extreme

American Eagle 813

Auburn, Massachusetts

http://www.ExtremeRadio.us

[Non-text portions of this message have been removed]

960. Fw: Unsubscription by atlas_radio member

Yahoo group: atlas_radio
Date: 2012-10-17 15:33:07 UTC
From: Jim
Topic: 960 Message: 960

FYI

73,
Jim N6OTQ
group owner

----- Forwarded Message -----
>From: Yahoo! Groups Notification <notify@yahoogroups.com>
>To: atlas_radio-owner@yahoogroups.com
>Sent: Wednesday, October 17, 2012 10:19 AM
>Subject: Unsubscription by atlas_radio member
>
>Hello,
>
>This is an automated email message to let you know that
>americaneagle813_ericextreme <EricExtreme@EricExtreme.com> unsubscribed from your
atlas_radio
>group.
>

[Non-text portions of this message have been removed]

961. Re: [atlas_radio] Introducing/reintroducing myself - Eric - American Eagle 813

Yahoo group: atlas_radio
Date: 2012-10-17 15:35:53 UTC
From: Dave Voigtsberger
Topic: 961 Message: 961

How did you adjust the power down to 5 watts? I have been trying to do that on mine so I can work QRP?

----- Original Message -----
From: Eric Extreme <EricExtreme@...>
To: atlas_radio@yahoogroups.com
Cc:
Sent: Wednesday, October 17, 2012 10:23 AM
Subject: [atlas_radio] Introducing/reintroducing myself - Eric - American Eagle 813

I am new to this group and will properly introduce myself.

My name is Eric Extreme and I am from Auburn, Massachusetts. You may have heard me DXing on the airwaves using the call sign 2 American Eagle 813 or simply American Eagle 813. Locally I am known as "Extreme".

I have been involved with the hobby since 1992 (20 years going strong!)

I keep all of my DXing logs and hobby history online on my website at http://www.ExtremeRadio.us (no it is not a company and doesn't sell anything. It is just my personal story/log website)

I spend most of my time on 27.385 LSB (38). Sometimes I may also be heard on random AM channels between 22 & 28 DXing.

I hope to catch some of you on the airwaves. If you here me out there please give me a shout or let me know that you heard me out there.

73!

Catch a radio wave, Hang 10-4 !!!

- Eric Extreme
American Eagle 813
Auburn, Massachusetts
http://www.ExtremeRadio.us

Yahoo! Groups Links

[Non-text portions of this message have been removed]

962. Re: [atlas_radio] Introducing/reintroducing myself - Eric - American Eagle 813

Yahoo group: atlas_radio
Date: 2012-10-17 15:39:50 UTC
From: Jim
Topic: 961 Message: 962

Use the mic gain knob on the front panel, and inject a two-tone signal into the mic audio.
  Dial it down until you show 5W.

Jim N6OTQ

>_____
> From: Dave Voigtsberger <wb4mwf@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Wednesday, October 17, 2012 10:35 AM
>Subject: Re: [atlas_radio] Introducing/reintroducing myself - Eric - American Eagle 813
>
>How did you adjust the power down to 5 watts? I have been trying to do that on mine so I can work QRP?
>
>
>
>
>
>----- Original Message -----
>From: Eric Extreme <EricExtreme@EricExtreme.com>
>To: atlas_radio@yahoogroups.com
>Cc:
>Sent: Wednesday, October 17, 2012 10:23 AM
>Subject: [atlas_radio] Introducing/reintroducing myself - Eric - American Eagle 813
>
>I am new to this group and will properly introduce myself.
>
>My name is Eric Extreme and I am from Auburn, Massachusetts. You may have heard me DXing on the airwaves using the call sign 2 American Eagle 813 or simply American Eagle 813. Locally I am known as "Extreme".
>
>I have been involved with the hobby since 1992 (20 years going strong!)
>
>I keep all of my DXing logs and hobby history online on my website at http://www.ExtremeRadio.us (no it is not a company and doesn't sell anything. It is just my personal story/log website)
>
>I spend most of my time on 27.385 LSB (38). Sometimes I may also be heard on random AM channels between 22 & 28 DXing.
>
>I hope to catch some of you on the airwaves. If you here me out there please give me a shout or let me know that you heard me out there.
>
>73!

>
>Catch a radio wave, Hang 10-4 !!!
>
>- Eric Extreme
>American Eagle 813
>Auburn, Massachusetts
>http://www.ExtremeRadio.us
>
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>Yahoo! Groups Links
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

963. Re: [atlas_radio] Introducing/reintroducing myself - Eric - American Eagle 813

Yahoo group: atlas_radio
Date: 2012-10-17 17:16:41 UTC
From: Dave Voigtsberger
Topic: 961 Message: 963

Thanks

----- Original Message -----
From: Jim <n6otq@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Cc:
Sent: Wednesday, October 17, 2012 11:39 AM
Subject: Re: [atlas_radio] Introducing/reintroducing myself - Eric - American Eagle 813

Use the mic gain knob on the front panel, and inject a two-tone signal into the mic audio.
  Dial it down until you show 5W.

Jim N6OTQ

>_____
> From: Dave Voigtsberger <wb4mwf@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Wednesday, October 17, 2012 10:35 AM
>Subject: Re: [atlas_radio] Introducing/reintroducing myself - Eric - American Eagle 813
>
>How did you adjust the power down to 5 watts? I have been trying to do that on mine so I can work QRP?
>
>
>
>
>
>-----Original Message -----
>From: Eric Extreme <EricExtreme@...>
>To: atlas_radio@yahoogroups.com
>Cc:
>Sent: Wednesday, October 17, 2012 10:23 AM
>Subject: [atlas_radio] Introducing/reintroducing myself - Eric - American Eagle 813
>
>I am new to this group and will properly introduce myself.
>
>My name is Eric Extreme and I am from Auburn, Massachusetts. You may have heard me DXing on the airwaves using the call sign 2 American Eagle 813 or simply American Eagle 813. Locally I am known as "Extreme".
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>I have been involved with the hobby since 1992 (20 years going strong!)
>
>I keep all of my DXing logs and hobby history online on my website at http://www.ExtremeRadio.us (no it is not a company and doesn't sell anything. It is just my personal story/log website)

>
>I spend most of my time on 27.385 LSB (38). Sometimes I may also be heard on random AM channels between 22 & 28 DXing.
>
>I hope to catch some of you on the airwaves. If you here me out there please give me a shout or let me know that you heard me out there.
>
>73!
>
>Catch a radio wave, Hang 10-4 !!!
>
>- Eric Extreme
>American Eagle 813
>Auburn, Massachusetts
>http://www.ExtremeRadio.us
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Yahoo! Groups Links

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964. Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-20 14:12:11 UTC
From: qrv@kd4e.com
Topic: 964 Message: 964

Good Saturday morning fellow Atlas owners!

I have recently acquired a 210x LE w/console and need
a mic.

What hand mics are recommended, please?

Thanks!

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

965. Re: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-20 14:20:09 UTC
From: William Laakkonen
Topic: 964 Message: 965

Sounds awesome with a Shure 404C- if you can find one!

73
Bill
N4BKT

On Sat, Oct 20, 2012 at 10:12 AM, qrv@... <qrv@...> wrote:

> **
>
>
> Good Saturday morning fellow Atlas owners!
>
> I have recently acquired a 210x LE w/console and need
> a mic.
>
> What hand mics are recommended, please?
>
> Thanks!
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
>
>
>

[Non-text portions of this message have been removed]

966. Re: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-20 14:22:00 UTC
From: William Laakkonen
Topic: 964 Message: 966

BTW- the Limited is truly much more rare than the regular 210X. You'll want to use a DD6 on 10M as the analog dial is not set up for direct reading- unless you had a genius "fix" it.

On Sat, Oct 20, 2012 at 10:12 AM, qrv@kd4e.com <qrv@...> wrote:

> **
>
>
> Good Saturday morning fellow Atlas owners!
>
> I have recently acquired a 210x LE w/console and need
> a mic.
>
> What hand mics are recommended, please?
>
> Thanks!
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
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[Non-text portions of this message have been removed]

967. Re: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-20 15:00:25 UTC
From: qrv@kd4e.com
Topic: 964 Message: 967

$60. + shipping Buy It Now on eBay. They claim that
it is New but ... Ouch!

There is a large Hamfest Nov 3 & 4 neat Atlanta, maybe
I will wait and look there.

They used to be $20. used and lots of them around.

If not the 404C, what is the next best, please?

> Sounds awesome with a Shure 404C- if you can find one!
>
> 73
> Bill
> N4BKT

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

968. Re: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-20 15:09:37 UTC
From: Jim
Topic: 964 Message: 968

I use an Astatic D-104 with my Atlas base, but those are impractical for mobile use (been there, tried it, got the t-shirt). However, there's a (relatively hard-to-find) hand mic version using the same crystal element that works as well, but w/o the amplification. Also an amplified version, but I think it uses those expensive unobtainium 7V batteries.

The original Astatic crystal element is expensive and scarce nowadays, but suitable substitutes are available, and they sound almost exactly the same.

73
Jim N6OTQ

>_____
> From: "qrv@..." <qrv@kd4e.com>
>To: atlas_radio@yahoogroups.com
>Sent: Saturday, October 20, 2012 9:12 AM
>Subject: [atlas_radio] Recommended Mics?
>
>Good Saturday morning fellow Atlas owners!
>
>I have recently acquired a 210x LE w/console and need
>a mic.
>
>What hand mics are recommended, please?
>
>Thanks!
>
>--
>
>Thanks! & 73, KD4E.com
>David Colburn nevils-station.com
>I don't google I SEARCH! duckduckgo.com
>Network: groups.yahoo.com/group/qrv
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969. Re: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-20 15:25:36 UTC
From: William Laakkonen
Topic: 964 Message: 969

Any high impedance 15K to 100K Ohm mike should be fine - not the 404B- it's low impedance. The mike should have about 200mV Open Circuit Voltage. You might find an old CB with these type of mikes- pre-1990s.

73
Bill
N4BKT

On Sat, Oct 20, 2012 at 11:00 AM, qrv@... <qrv@...> wrote:

> **
>
>
> $60. + shipping Buy It Now on eBay. They claim that
> it is New but ... Ouch!
>
> There is a large Hamfest Nov 3 & 4 neat Atlanta, maybe
> I will wait and look there.
>
> They used to be $20. used and lots of them around.
>
> If not the 404C, what is the next best, please?
>
>
> > Sounds awesome with a Shure 404C- if you can find one!
> >
> > 73
> > Bill
> > N4BKT
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
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970. RE: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-20 16:08:56 UTC
From: MIKE DURKIN
Topic: 964 Message: 970

I use the Astatic D104 line .... chicken choker with the T-Bar is my favorite ...

Mike KC7NOA

> To: atlas_radio@yahoogroups.com
> From: worldradiolabs@...
> Date: Sat, 20 Oct 2012 11:25:36 -0400
> Subject: Re: [atlas_radio] Recommended Mics?
>
> Any high impedance 15K to 100K Ohm mike should be fine - not the 404B- it's
> low impedance. The mike should have about 200mV Open Circuit Voltage. You
> might find an old CB with these type of mikes- pre-1990s.
>
> 73
> Bill
> N4BKT
>
> On Sat, Oct 20, 2012 at 11:00 AM, qrv@... <qrv@...> wrote:
>
> > **
> > >
> > >
> > > $60. + shipping Buy It Now on eBay. They claim that
> > > it is New but ... Ouch!
> > >
> > > There is a large Hamfest Nov 3 & 4 neat Atlanta, maybe
> > > I will wait and look there.
> > >
> > > They used to be $20. used and lots of them around.
> > >
> > > If not the 404C, what is the next best, please?
> > >
> > >
> > > > Sounds awesome with a Shure 404C- if you can find one!
> > > >
> > > > 73
> > > > Bill
> > > > N4BKT
> > >
> > > --
> > >
> > > Thanks! & 73, KD4E.com
> > > David Colburn nevils-station.com
> > > I don't google I SEARCH! duckduckgo.com
> > > Network: groups.yahoo.com/group/qrv

> > Restored to design-spec at Heaven's gate 1Cor15:22
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> Yahoo! Groups Links
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971. Re: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-20 16:20:07 UTC
From: Jim
Topic: 964 Message: 971

Need some custom-fit screws for the bottom cover?

Jim N6OTQ

>_____
> From: MIKE DURKIN <Patriot121@...>
>To: atlas_radio@yahoogroups.com
>Sent: Saturday, October 20, 2012 11:08 AM
>Subject: RE: [atlas_radio] Recommended Mics?
>
>I use the Astatic D104 line .... chicken choker with the T-Bar is my favorite ...
>
>Mike KC7NOA
>
>> To: atlas_radio@yahoogroups.com
>> From: worldradiolabs@...
>> Date: Sat, 20 Oct 2012 11:25:36 -0400
>> Subject: Re: [atlas_radio] Recommended Mics?
>>
>> Any high impedance 15K to 100K Ohm mike should be fine - not the 404B- it's
>> low impedance. The mike should have about 200mV Open Circuit Voltage. You
>> might find an old CB with these type of mikes- pre-1990s.
>>
>> 73
>> Bill
>> N4BKT
>>
>> On Sat, Oct 20, 2012 at 11:00 AM, qrv@kd4e.com <qrv@...> wrote:
>>
>> > **
>> >
>> >
>> > $60. + shipping Buy It Now on eBay. They claim that
>> > it is New but ... Ouch!
>> >
>> > There is a large Hamfest Nov 3 & 4 neat Atlanta, maybe
>> > I will wait and look there.
>> >
>> > They used to be $20. used and lots of them around.
>> >
>> > If not the 404C, what is the next best, please?
>> >
>> >
>> > > Sounds awesome with a Shure 404C- if you can find one!
>> > >

>> > > 73
>> > > Bill
>> > > N4BKT
>> >
>> > --
>> >
>> > Thanks! & 73, KD4E.com
>> > David Colburn nevils-station.com
>> > I don't google I SEARCH! duckduckgo.com
>> > Network: groups.yahoo.com/group/qrv
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972. Re: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-20 17:15:36 UTC
From: Bill Cromwell
Topic: 964 Message: 972

Hi,

I have a 180. Same basic radio. Different bands. I always used an old CB radio mic with good results. That's what I am still using. Not one of the electret models

73,

Bill KU8H

[Non-text portions of this message have been removed]

973. Re: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-20 21:03:59 UTC
From: Neil Sundal
Topic: 964 Message: 973

The older Hi Z CB mics will work, but in my opinion the small Johnson ceramic mics are among the best of these. You will see them on the old Johnson Messenger series CB's like the 123a. They have excellent tonal quality. They are also rugged and small in size that conforms well to a smaller radio. You will find used and occasionally NOS ones often on Ebay.
Neil
KE2GQ

--- On Sat, 10/20/12, qrv@... <qrv@kd4e.com> wrote:

From: qrv@... <qrv@...>
Subject: [atlas_radio] Recommended Mics?
To: atlas_radio@yahoogroups.com
Date: Saturday, October 20, 2012, 10:12 AM

Good Saturday morning fellow Atlas owners!

I have recently acquired a 210x LE w/console and need

a mic.

What hand mics are recommended, please?

Thanks!

--

Thanks! & 73, KD4E.com

David Colburn nevils-station.com

I don't google I SEARCH! duckduckgo.com

Network: groups.yahoo.com/group/qrv

Restored to design-spec at Heaven's gate 1Cor15:22

[Non-text portions of this message have been removed]

974. Re: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-20 21:26:08 UTC
From: qrv@kd4e.com
Topic: 964 Message: 974

There are a bunch of them listed here:

http://www.kenselectronics.com/lists/mics.htm

Can you spot a couple that should work well, please?

> Neil Sundal wrote:
> Johnson ceramic mic

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

975. Re: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-20 21:55:41 UTC
From: qrv@kd4e.com
Topic: 964 Message: 975

One of these?

Ceramic High Impedance mics

T240R-MIC Robyn Ceramic "Group F-T" microphone import tube CB's CBC4
T240R-MIC fits GTX2300. -5000. Kris, Comstat 25A, 25B, 35, HA410. T123B,
T240D, Teaberry T(23 & 4011) $19.98

J123A-MIC Johnson Ceramic Hi-Z 6 wire hand microphone no plug
J-124M-MIC fits Johnson 40, 50, 80, 230, 250, 260, 270, 430, 4170, 4175
$22.98

P5550 Astatic-made Pace 2300 Hi-Impedance CB4D similar shape--636
P5550 fits Browning Eaglette, Eaglette-II, Pace CB76, DX2300B, 2300
$24.98

> There are a bunch of them listed here:
>
> http://www.kenselectronics.com/lists/mics.htm
>
> Can you spot a couple that should work well, please?
>
> > Neil Sundal wrote:
>> Johnson ceramic mic
>

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

976. RE: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-21 00:23:38 UTC
From: Stephen West-Fisher
Topic: 964 Message: 976

He has a specific one on http://www.kenselectronics.com/lists/hamant.htm.

Search for Swan or Atlas on the page.

--

Stephen West-Fisher

N4IK

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com] On Behalf Of qrv@...
Sent: Saturday, October 20, 2012 5:26 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Recommended Mics?

There are a bunch of them listed here:

http://www.kenselectronics.com/lists/mics.htm

Can you spot a couple that should work well, please?

[Non-text portions of this message have been removed]

977. Re: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-21 00:30:39 UTC
From: qrv@kd4e.com
Topic: 964 Message: 977

OK, I see that, thanks!

Is the "47K ohm" is the key?

Many of the others are high-impedance and dynamic mics.

I bought the rig with a known modulation problem so I will be
checking values throughout the audio chain - a mic optimized
for the expected circuit design will remove one variable.

Hand Microphones: Swan & Siltronix Amateur Ham Radio Transceivers
Assembled-in-U.S.A.
SwanM4HZ-G 250C/350/500/700CX/100MXA/102BXA/103; Siltronix 1011C/D
47K ohm 1/4" plug $39.98

> He has a specific one on http://www.kenselectronics.com/lists/hamant.htm.
>
> Search for Swan or Atlas on the page.
>
> --
>
> Stephen West-Fisher
>
> N4IK

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

978. 210x Limited Edition Manual?

Yahoo group: atlas_radio
Date: 2012-10-21 01:46:44 UTC
From: qrv@kd4e.com
Topic: 978 Message: 978

I just realized that I have an original 210x manual rather
than the 210x Limited Edition manual.

Does anyone have a LE-version original manual, not in use,
please?

I'd trade mine, plus some dollars, for the correct original
manual.

If anyone knows of a scanned copy that I may download that
would be very helpful as well.

Did they also make available a LE-specific Service Manual?

Thanks!

David

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

979. Re: [atlas_radio] 210x Limited Edition Manual?

Yahoo group: atlas_radio
Date: 2012-10-21 01:59:57 UTC
From: Allan & Anne Chandler
Topic: 978 Message: 979

Try going to mods dot dk and download one from their.

73 de Allan ZL2SKY.

On 21/10/2012 2:46 p.m., qrv@... wrote:
>
> I just realized that I have an original 210x manual rather
> than the 210x Limited Edition manual.
>
> Does anyone have a LE-version original manual, not in use,
> please?
>
> I'd trade mine, plus some dollars, for the correct original
> manual.
>
> If anyone knows of a scanned copy that I may download that
> would be very helpful as well.
>
> Did they also make available a LE-specific Service Manual?
>
> Thanks!
>
> David
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
>
>

[Non-text portions of this message have been removed]

980. Re: [atlas_radio] 210x Limited Edition Manual?

Yahoo group: atlas_radio
Date: 2012-10-21 02:16:55 UTC
From: qrv@kd4e.com
Topic: 978 Message: 980

I looked - they had a category for Atlas pictures but
none for Atlas manuals.

> Try going to mods dot dk and download one from their.
>
> 73 de Allan ZL2SKY.

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

981. Re: 210x Limited Edition Manual? SOLVED

Yahoo group: atlas_radio
Date: 2012-10-21 03:47:09 UTC
From: qrv@kd4e.com
Topic: 981 Message: 981

A list member PM'd me the Addendum as an attachment.

Thanks!

Now on to the acquisition of a mic and troubleshooting
the audio chain.

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

982. Re: Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-21 06:35:09 UTC
From: EdwinB
Topic: 964 Message: 982

When my brother got his ticket, I got him a 210X LE and gave him my desk console. It's been 10 years and I don't know that he has ever put it on the air. My 210X needs some TLC after being stored in the garage for 10 or 15 years.

Regards,
Ed

--- In atlas_radio@yahoogroups.com, "qrv@..." <qrv@...> wrote:
>
> Good Saturday morning fellow Atlas owners!
>
> I have recently acquired a 210x LE w/console and need
> a mic.
>
> What hand mics are recommended, please?
>
> Thanks!
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
>

983. RE: [atlas_radio] Recommended Mics?

Yahoo group: atlas_radio
Date: 2012-10-21 12:24:23 UTC
From: Stephen West-Fisher
Topic: 964 Message: 983

Yes, it's a high impedance microphone.

--

Stephen West-Fisher

N4IK

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com] On Behalf Of qrv@...
Sent: Saturday, October 20, 2012 8:31 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Recommended Mics?

OK, I see that, thanks!

Is the "47K ohm" is the key?

Many of the others are high-impedance and dynamic mics.

I bought the rig with a known modulation problem so I will be
checking values throughout the audio chain - a mic optimized
for the expected circuit design will remove one variable.

Hand Microphones: Swan & Siltronix Amateur Ham Radio Transceivers
Assembled-in-U.S.A.
SwanM4HZ-G 250C/350/500/700CX/100MXA/102BXA/103; Siltronix 1011C/D
47K ohm 1/4" plug $39.98

> He has a specific one on http://www.kenselectronics.com/lists/hamant.htm.
>
> Search for Swan or Atlas on the page.
>
> --
>
> Stephen West-Fisher
>
> N4IK

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

[Non-text portions of this message have been removed]

984. Won my eBay auction of a 210x

Yahoo group: atlas_radio
Date: 2012-10-29 14:46:40 UTC
From: kb2hsh
Topic: 984 Message: 984

Hello all.

Well, last night at 9pm, I learned that I won the auction on eBay for a 210x that looks like it's in decent enough shape. It comes as-is, obviously, but it doesn't have a power cord or a microphone. That doesn't bother me too much.

Does anyone in the group use their Atlas rigs as their "daily driver"? Does anyone use theirs for digital modes? And...since you can turn the power down, does anyone have an idea of how much current the 210x would draw at say 3 watts or so??

Thanks!

Can't wait to get my new (old) toy!

John KB2HSH

985. Re: [atlas_radio] Won my eBay auction of a 210x

Yahoo group: atlas_radio
Date: 2012-10-29 14:52:26 UTC
From: Lloyd
Topic: 984 Message: 985

Congratulations, I know you'll love it!

Sent from my iPhone

On Oct 29, 2012, at 9:46 AM, "kb2hsh" <jmarranca@...> wrote:

> Hello all.
>
> Well, last night at 9pm, I learned that I won the auction on eBay for a 210x that looks like it's in decent enough shape. It comes as-is, obviously, but it doesn't have a power cord or a microphone. That doesn't bother me too much.
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> Does anyone in the group use their Atlas rigs as their "daily driver"? Does anyone use theirs for digital modes? And...since you can turn the power down, does anyone have an idea of how much current the 210x would draw at say 3 watts or so??
>
> Thanks!
>
> Can't wait to get my new (old) toy!
>
> John KB2HSH
>
>

[Non-text portions of this message have been removed]

986. Re: [atlas_radio] Won my eBay auction of a 210x

Yahoo group: atlas_radio
Date: 2012-10-29 22:53:43 UTC
From: JACK BREWER
Topic: 984 Message: 986

No,I don't use the Atlas as a daily driver, but I do use the Atlas 400X quite often as well as the others. The little rigs are a lot of fun to use and I power them up as often as I can , butswitch from one to the other just for fun. The Icom 7700 is my most used rig, but I do enjoy the Atlas rigs.
Jack WA3VZK

From: kb2hsh <jmarranca@...>
To: atlas_radio@yahoogroups.com
Sent: Monday, October 29, 2012 10:46 AM
Subject: [atlas_radio] Won my eBay auction of a 210x

Hello all.

Well, last night at 9pm, I learned that I won the auction on eBay for a 210x that looks like it's in decent enough shape. It comes as-is, obviously, but it doesn't have a power cord or a microphone. That doesn't bother me too much.

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Thanks!

Can't wait to get my new (old) toy!

John KB2HSH

[Non-text portions of this message have been removed]

987. Re: [atlas_radio] Won my eBay auction of a 210x

Yahoo group: atlas_radio
Date: 2012-10-30 01:16:27 UTC
From: gwburrows@aol.com/KD2PK
Topic: 984 Message: 987

Hi Jack

did you ever develop any questions on the schematics that I sent you for the Tx 100 ?

running on generators now... lights out because of Sandy.

73
greg
kd2pk

-----Original Message-----
From: JACK BREWER <jtelrbrewer@...>
To: atlas_radio <atlas_radio@yahoogroups.com>
Sent: Mon, Oct 29, 2012 6:53 pm
Subject: Re: [atlas_radio] Won my eBay auction of a 210x

No,I don't use the Atlas as a daily driver, but I do use the Atlas 400X quite often as well as the others. The little rigs are a lot of fun to use and I power them up as often as I can , butswitch from one to the other just for fun. The Icom 7700 is my most used rig, but I do enjoy the Atlas rigs.
Jack WA3VZK

From: kb2hsh <jmarranca@...>
To: atlas_radio@yahoogroups.com
Sent: Monday, October 29, 2012 10:46 AM
Subject: [atlas_radio] Won my eBay auction of a 210x

Hello all.

Well, last night at 9pm, I learned that I won the auction on eBay for a 210x that looks like it's in decent enough shape. It comes as-is, obviously, but it doesn't have a power cord or a microphone. That doesn't bother me too much.

Does anyone in the group use their Atlas rigs as their "daily driver"? Does anyone use theirs for digital modes? And...since you can turn the power down, does anyone have an idea of how much current the 210x would draw at say 3 watts or so??

Thanks!

Can't wait to get my new (old) toy!

John KB2HSH

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

988. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2012-11-02 09:46:58 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 988

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Tuning_Atlas_210_Bandpass_Filters.rtf
Uploaded by : n6otq <n6otq@...>
Description : From Peter VK1XP, tuning the bandpass filters on 210s and 215s

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/Tuning_Atlas_210_Bandpass_Filters.rtf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

n6otq <n6otq@...>

989. Merry Christmas to all

Yahoo group: atlas_radio
Date: 2012-12-25 22:21:06 UTC
From: n6otq
Topic: 989 Message: 989

And a Happy New Year

73
Jim N6OTQ
Group Owner

990. For Sale

Yahoo group: atlas_radio
Date: 2013-01-14 17:54:12 UTC
From: wd5iky
Topic: 258 Message: 990

Just found these in a box after our move back to the U.S. I had sold my 210X while we were still in Mexico but forgot I had some other stuff.

Mobile/12volt mounting bracket for the 210X

Atlas Digital Dial/Frequency Counter - on the back it says Digital Dial Model DD6-C and also a small label on the back corner that says DD 481 C.

Never used either of these two accessories when I had my 210X but previous owner said they were working.
Someone make me an offer and pick up the shipping and their yours.
Just want to see they get a good home.
Thanks,

Duncan
WD5IKY
Denton, Texas

991. Re: For Sale

Yahoo group: atlas_radio
Date: 2013-01-20 14:00:56 UTC
From: ve1yz1
Topic: 258 Message: 991

Hi Duncan.

I'm interested in both pieces.

Could you please drop me a note to "netlink(at)eastlink.ca".

Thanks

73,
Neil
VE1YZ

--- In atlas_radio@yahoogroups.com, "wd5iky" wrote:
>
> Just found these in a box after our move back to the U.S. I had sold my 210X while we were still in Mexico but forgot I had some other stuff.
>
> Mobile/12volt mounting bracket for the 210X
>
> Atlas Digital Dial/Frequency Counter - on the back it says Digital Dial Model DD6-C and also a small label on the back corner that says DD 481 C.
>
> Never used either of these two accessories when I had my 210X but previous owner said they were working.
> Someone make me an offer and pick up the shipping and their yours.
> Just want to see they get a good home.
> Thanks,
>
> Duncan
> WD5IKY
> Denton, Texas
>

992. Troubleshooting 210x TX problem

Yahoo group: atlas_radio
Date: 2013-01-21 00:38:43 UTC
From: qrv@kd4e.com
Topic: 992 Message: 992

The RX is fine on my 210x LE but on TX there is no
output.

I hear a loud noise in the Console speaker when I
switch to TRANS but there is no output.

When I switch to CW there is no response to a CW key.

Where do these symptoms suggest I should start looking,
please?

Thanks!

David KD4E

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
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993. Re: [atlas_radio] Troubleshooting 210x TX problem

Yahoo group: atlas_radio
Date: 2013-01-21 01:09:29 UTC
From: Jim
Topic: 992 Message: 993

Lotsa things it could be. Probably it's a switch logic problem, which could include the relays, a common problem -- but the OBVIOUS first questions are -- (1) did it ever work, and (2) are the two jumpers still in the AUX socket in the back?

Worst case is -- if the TX string has been killed, the finals are about $60 to $80 for the set plus necessary modifications (originals are unobtainium); the driver is also unobtainium and usable substitutes are nearly the same. Price -- unknowable. It's the form factor, and it'll take a lot of modification to fit a TO-220 CB final in there, which is electrically the same as the driver.

The easy out is to sell it as-is, cut your losses, and move forward on getting your amp. The LE version is relatively uncommon and collectible, but Atlases in general -- they were extremely popular in the 70s and early 80s, and there are lots of them all over the world, especially in northern Europe.

And there are three 210X in my shack in Austin TX, but definitely plenty of room here for an LE, if the price is right.

73
Jim N6OTQ

>_____
> From: "qrv@..." <qrv@...>
>To: atlas_radio@yahoogroups.com
>Sent: Sunday, January 20, 2013 6:38 PM
>Subject: [atlas_radio] Troubleshooting 210x TX problem
>
>The RX is fine on my 210x LE but on TX there is no
>output.
>
>I hear a loud noise in the Console speaker when I
>switch to TRANS but there is no output.
>
>When I switch to CW there is no response to a CW key.
>
>Where do these symptoms suggest I should start looking,
>please?
>
>Thanks!
>
>David KD4E
>
>
>--
>
>Thanks! & 73, KD4E.com

>David Colburn nevils-station.com
>I don't google I SEARCH! duckduckgo.com
>Network: groups.yahoo.com/group/qrv
>Restored to design-spec at Heaven's gate 1Cor15:22
>

[Non-text portions of this message have been removed]

994. Re: [atlas_radio] Troubleshooting 210x TX problem

Yahoo group: atlas_radio
Date: 2013-01-21 13:00:39 UTC
From: gwburrows@aol.com/KD2PK
Topic: 992 Message: 994

Yep, there are a lot of possibilities for this problem, but try what I did with my Atlas 100. Get out the schematics, VOM, and scope with direct and rf probes.
My problem was different than yours.... worked well then died, then came back. It took me months of poking around. I initially thought it was the 9v regulator overheating. But intermittent problems can be the toughtest. In the end, a jet of cool air on a driver transistor led me to the fix. Now I can sell a working Atlas to someone who doesn't have the time but does have the interest in collecting them.
Conclusion ? I got a lot of satisfaction in finding the fix and getting it back to full operation. So if you have the time and patience, I wouldn't give up.
Good Luck.
kd2pk

-----Original Message-----
From: qrv <qrv@...>
To: atlas_radio <atlas_radio@yahoogroups.com>
Sent: Sun, Jan 20, 2013 7:40 pm
Subject: [atlas_radio] Troubleshooting 210x TX problem

The RX is fine on my 210x LE but on TX there is no
output.

I hear a loud noise in the Console speaker when I
switch to TRANS but there is no output.

When I switch to CW there is no response to a CW key.

Where do these symptoms suggest I should start looking,
please?

Thanks!

David KD4E

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

[Non-text portions of this message have been removed]

995. Re: [atlas_radio] Troubleshooting 210x TX problem

Yahoo group: atlas_radio
Date: 2013-01-21 21:22:47 UTC
From: qrv@kd4e.com
Topic: 992 Message: 995

Please find several pics of my 210x LE:

http://kd4e.com/kd4e-images/atlas/

As you may observe there is a burned spot on the 300D board.

I don't see any exterior damage to the electrolytic.

My MESR-100 reads 0 on the yellow 33uf 50v and quickly dops
from 75 to 0 on the green 100uf 16v and from 78 to 0 on the
blue 47uf 16v.

WDYT?

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

996. Re: [Amateur-repairs] Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-21 22:19:43 UTC
From: qrv@kd4e.com
Topic: 996 Message: 996

Just noticed that the 210x LE uses some different values on the
PC-300D board than specified in the generic 210x manual.

Does anyone have a schematic with the correct values for the
LE, please?

I am aware that they tweaked a number of elements of the
circuitry to increase output and added the RIT.

> TX side is dead on my Atlas 210x Limited Edition.
>
> Zero output in TRANS & no response to the CW key in CW mode.
>
> Please find several pics of my 210x LE:
>
> http://kd4e.com/kd4e-images/atlas/
>
> As you may observe there is a burned spot on the PC-300D board.
>
> I don't see any exterior damage to the electrolytic.
>
> My MESR-100 reads 0 on the yellow 33uf 50v and quickly drops
> from 75 to 0 on the green 100uf 16v and from 78 to 0 on the
> blue 47uf 16v.
>
> WDYT?
>

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

997. RE: [atlas_radio] Re: [Amateur-repairs] Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-22 00:58:31 UTC
From: MIKE DURKIN
Topic: 996 Message: 997

what surprised me is that it dosent have a pc120 , still has the ole pc100

To: Amateur-repairs@yahoogroups.com; atlas_radio@yahoogroups.com
From: qrv@...
Date: Mon, 21 Jan 2013 17:19:43 -0500
Subject: [atlas_radio] Re: [Amateur-repairs] Troubleshooting Atlas ...

Just noticed that the 210x LE uses some different values on the

PC-300D board than specified in the generic 210x manual.

Does anyone have a schematic with the correct values for the

LE, please?

I am aware that they tweaked a number of elements of the

circuitry to increase output and added the RIT.

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>

> Zero output in TRANS & no response to the CW key in CW mode.

>

> Please find several pics of my 210x LE:

>

> http://kd4e.com/kd4e-images/atlas/

>

> As you may observe there is a burned spot on the PC-300D board.

>

> I don't see any exterior damage to the electrolytic.

>

> My MESR-100 reads 0 on the yellow 33uf 50v and quickly drops

> from 75 to 0 on the green 100uf 16v and from 78 to 0 on the

> blue 47uf 16v.

>

> WDYT?

>

--

Thanks! & 73, KD4E.com

David Colburn nevils-station.com

I don't google I SEARCH! duckduckgo.com

Network: groups.yahoo.com/group/qrv

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[Non-text portions of this message have been removed]

998. Re: [atlas_radio] Re: [Amateur-repairs] Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-22 01:12:03 UTC
From: qrv@kd4e.com
Topic: 996 Message: 998

What is the difference, please?

Did some models of the 210x have it, or the 215x, or did it not appear
until later generation Atlas gear?

> what surprised me is that it dosent have a pc120 , still has the ole
> pc100

I got distracted by another project but suppose I need to check all
of the component-values on this board ...

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

999. RE: [atlas_radio] Re: [Amateur-repairs] Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-22 02:04:15 UTC
From: MIKE DURKIN
Topic: 996 Message: 999

PC120 its basically a PC100 with a noise blanker ...

To: atlas_radio@yahoogroups.com
From: qrv@...
Date: Mon, 21 Jan 2013 20:12:03 -0500
Subject: Re: [atlas_radio] Re: [Amateur-repairs] Troubleshooting Atlas ...

What is the difference, please?

Did some models of the 210x have it, or the 215x, or did it not appear

until later generation Atlas gear?

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> pc100

I got distracted by another project but suppose I need to check all

of the component-values on this board ...

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Thanks! & 73, KD4E.com

David Colburn nevils-station.com

I don't google I SEARCH! duckduckgo.com

Network: groups.yahoo.com/group/qrv

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[Non-text portions of this message have been removed]

1000. Re: Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-23 00:11:28 UTC
From: qrv@kd4e.com
Topic: 1000 Message: 1000

I just added two pics of the PA board - love the way it swivels open.

http://kd4e.com/kd4e-images/atlas/

Is it the brown one next to the toroid at the top center where the
red wire connects?

That shows 6.8 ohms on my Fluke 85 III.

The more time I spend with this rig the more I like it ... though I
worry about the unobtanium PA finals & driver.

Would be cool if someone offered rebuilt PA boards with commonly
available devices for swap + cash ...

> I had a 210x LE and my TX died too. There is an RF choke in the PA
> that is in series with the DC to the PA devices. That is known for
> opening up so if you have not checked it take a look with an ohm
> meter. It looked fine but was open.
>
> Gary K4MT
>
> --- In Amateur-repairs@yahoogroups.com, "qrv@..." wrote:
>>
>> TX side is dead on my Atlas 210x Limited Edition.
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>> Please find several pics of my 210x LE:
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>> I don't see any exterior damage to the electrolytic.
>>
>> My MESR-100 reads 0 on the yellow 33uf 50v and quickly drops from
>> 75 to 0 on the green 100uf 16v and from 78 to 0 on the blue 47uf
>> 16v.
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>> WDYT?

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com

Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1001. RE: [atlas_radio] Re: Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-23 01:10:25 UTC
From: MIKE DURKIN
Topic: 1000 Message: 1001

you have a reworked PA .... you have a NTE235 driver .... and what looks like SRF's for finals ... its probably fine ....

To: Amateur-repairs@yahoogroups.com; atlas_radio@yahoogroups.com
From: qrv@...
Date: Tue, 22 Jan 2013 19:11:28 -0500
Subject: [atlas_radio] Re: Troubleshooting Atlas ...

I just added two pics of the PA board - love the way it swivels open.

http://kd4e.com/kd4e-images/atlas/

Is it the brown one next to the toroid at the top center where the

red wire connects?

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> that is in series with the DC to the PA devices. That is known for

> opening up so if you have not checked it take a look with an ohm

> meter. It looked fine but was open.

>

> Gary K4MT

>

> --- In Amateur-repairs@yahoogroups.com, "qrv@..." wrote:

>>

>> TX side is dead on my Atlas 210x Limited Edition.

>>

>> Zero output in TRANS & no response to the CW key in CW mode.

>>

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>>

>> http://kd4e.com/kd4e-images/atlas/

>>

>> As you may observe there is a burned spot on the PC-300D board.

>>

>> I don't see any exterior damage to the electrolytic.

>>

>> My MESR-100 reads 0 on the yellow 33uf 50v and quickly drops from

>> 75 to 0 on the green 100uf 16v and from 78 to 0 on the blue 47uf

>> 16v.

>>

>> WDYT?

--

Thanks! & 73, KD4E.com

David Colburn nevils-station.com

I don't google I SEARCH! duckduckgo.com

Network: groups.yahoo.com/group/qrv

Restored to design-spec at Heaven's gate 1Cor15:22

[Non-text portions of this message have been removed]

1002. Re: [atlas_radio] Re: Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-23 01:36:48 UTC
From: qrv@kd4e.com
Topic: 1000 Message: 1002

Mike,

I pried-up the braid a tiny bit and used a jeweler's
magnifier ...

SD1405 finals.

Is that what Atlas used in the Limited Edition series?

David

> you have a reworked PA .... you have a NTE235 driver .... and what
> looks like SRF's for finals ... its probably fine ....

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1003. RE: [atlas_radio] Re: Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-23 02:02:28 UTC
From: MIKE DURKIN
Topic: 1000 Message: 1003

their kinda newer finals ....

To: atlas_radio@yahoogroups.com
From: qrv@kd4e.com
Date: Tue, 22 Jan 2013 20:36:48 -0500
Subject: Re: [atlas_radio] Re: Troubleshooting Atlas ...

Mike,

I pried-up the braid a tiny bit and used a jeweler's

magnifier ...

SD1405 finals.

Is that what Atlas used in the Limited Edition series?

David

> you have a reworked PA .... you have a NTE235 driver .... and what

> looks like SRF's for finals ... its probably fine ....

--

Thanks! & 73, KD4E.com

David Colburn nevils-station.com

I don't google I SEARCH! duckduckgo.com

Network: groups.yahoo.com/group/qrv

Restored to design-spec at Heaven's gate 1Cor15:22

[Non-text portions of this message have been removed]

1004. Re: Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-23 02:09:39 UTC
From: qrv@kd4e.com
Topic: 1000 Message: 1004

RF Parts matched pair $75.

> their kinda newer finals ....
>
>
> Mike,
>
> I pried-up the braid a tiny bit and used a jeweler's
> magnifier ...
>
>
> SD1405 finals.
>
> Is that what Atlas used in the Limited Edition series?
>
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> David
>
>> you have a reworked PA .... you have a NTE235 driver .... and what
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>> looks like SRF's for finals ... its probably fine ....

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Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1005. RE: [atlas_radio] Re: Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-23 02:58:59 UTC
From: MIKE DURKIN
Topic: 1000 Message: 1005

So....
Basically you're going to have to divide and conquer...

It Rx's .... thats actually the hard part ....

Your going to need a scope or make a rf probe ...

Least a receiver ....

And figure out where the Tx chain stops ...
I have all the equipment to sort it out ... even the parts ..

Cept that damn 3p2t relay in pc100 ... iv used reed relays .... looked like crap....

To: atlas_radio@yahoogroups.com
CC: Amateur-repairs@yahoogroups.com
From: qrv@...
Date: Tue, 22 Jan 2013 21:09:39 -0500
Subject: [atlas_radio] Re: Troubleshooting Atlas ...

RF Parts matched pair $75.

> their kinda newer finals ....

>

>

> Mike,

>

> I pried-up the braid a tiny bit and used a jeweler's

> magnifier ...

>

>

> SD1405 finals.

>

> Is that what Atlas used in the Limited Edition series?

>

>

> David

>

>> you have a reworked PA .... you have a NTE235 driver .... and what

>

>> looks like SRF's for finals ... its probably fine ....

--

Thanks! & 73, KD4E.com

David Colburn nevils-station.com

I don't google I SEARCH! duckduckgo.com

Network: groups.yahoo.com/group/qrv

Restored to design-spec at Heaven's gate 1Cor15:22

[Non-text portions of this message have been removed]

1006. Re: Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-23 03:19:27 UTC
From: qrv@kd4e.com
Topic: 1000 Message: 1006

Mike,

I have a Boonton 92c, recently acquired, that I could use.

Also have a sig gen & freq counter.

That PC-300 D board remains suspicious. I'm waiting to
heard from a Ham who may have a good one to swap.

I wish I had better docs re. the Limited Edition circuit
changes as I think in order to boost output, and perhaps adapt
to the different PA devices, they may have made changes to the
PC-300 D board.

David

> So.... Basically you're going to have to divide and conquer...
>
> It Rx's .... thats actually the hard part ....
>
> Your going to need a scope or make a rf probe ...
>
> Least a receiver ....
>
> And figure out where the Tx chain stops ... I have all the equipment
> to sort it out ... even the parts ..
>
> Cept that damn 3p2t relay in pc100 ... iv used reed relays ....
> looked like crap....

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Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1007. RE: [atlas_radio] Re: Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-23 03:33:38 UTC
From: MIKE DURKIN
Topic: 1000 Message: 1007

If you can hear some one talking ... all the electronics on pc300 are working ... cept the 4 fets on the bottom ... they involved with the Rx/Tx switching ... they are a common fault.

Do you rx and have meter deflection?

To: atlas_radio@yahoogroups.com
From: qrv@...
Date: Tue, 22 Jan 2013 22:19:27 -0500
Subject: [atlas_radio] Re: Troubleshooting Atlas ...

Mike,

I have a Boonton 92c, recently acquired, that I could use.

Also have a sig gen & freq counter.

That PC-300 D board remains suspicious. I'm waiting to

heard from a Ham who may have a good one to swap.

I wish I had better docs re. the Limited Edition circuit

changes as I think in order to boost output, and perhaps adapt

to the different PA devices, they may have made changes to the

PC-300 D board.

David

> So.... Basically you're going to have to divide and conquer...

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> It Rx's .... thats actually the hard part ....

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> Your going to need a scope or make a rf probe ...

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> And figure out where the Tx chain stops ... I have all the equipment

> to sort it out ... even the parts ..

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> Cept that damn 3p2t relay in pc100 ... iv used reed relays ....

> looked like crap....

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Thanks! & 73, KD4E.com

David Colburn nevils-station.com

I don't google I SEARCH! duckduckgo.com

Network: groups.yahoo.com/group/qrv

Restored to design-spec at Heaven's gate 1Cor15:22

[Non-text portions of this message have been removed]

1008. Re: [atlas_radio] Re: Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-26 19:15:44 UTC
From: qrv@kd4e.com
Topic: 1000 Message: 1008

Mike,

Gotta put it back together to test but prior testing
provided plenty of received stations.

I don't recall RX meter deflection, will check, nada
on TX.

David

> If you can hear some one talking ... all the electronics on pc300 are
> working ... cept the 4 fets on the bottom ... they involved with the
> Rx/Tx switching ... they are a common fault.
>
> Do you rx and have meter deflection?

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Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1009. RE: [atlas_radio] Re: Troubleshooting Atlas ...

Yahoo group: atlas_radio
Date: 2013-01-27 05:54:58 UTC
From: MIKE DURKIN
Topic: 1000 Message: 1009

ok, ... the relay on PC100 looks like its been replaced maybe ....

If you didnt know .. its best to lean the card away from the center of the radio before pulling it out ....
Im wondering how long ago the contacts have been cleaned/polished ....

also the Tx/Rx change over relay that's under the gold cover (has two holes - one for the marker generator adjustment and the other for SWR foldback(that what i remember)) ... by the finals compartment are possible issue for Tx .... (its a PAIN to service that one ...)

Just throwing ideas ....

To: atlas_radio@yahoogroups.com
From: qrv@...
Date: Sat, 26 Jan 2013 14:15:44 -0500
Subject: Re: [atlas_radio] Re: Troubleshooting Atlas ...

Mike,

Gotta put it back together to test but prior testing

provided plenty of received stations.

I don't recall RX meter deflection, will check, nada

on TX.

David

> If you can hear some one talking ... all the electronics on pc300 are

> working ... cept the 4 fets on the bottom ... they involved with the

> Rx/Tx switching ... they are a common fault.

>

> Do you rx and have meter deflection?

--

Thanks! & 73, KD4E.com

David Colburn nevils-station.com

I don't google I SEARCH! duckduckgo.com

Network: groups.yahoo.com/group/qrv

Restored to design-spec at Heaven's gate 1Cor15:22

[Non-text portions of this message have been removed]

1010. More Atlas Miscellaneous For Sale

Yahoo group: atlas_radio
Date: 2013-01-28 18:15:47 UTC
From: wd5iky
Topic: 1010 Message: 1010

For the true aficionado/collector...I found these great Atlas marketing pieces in the bottom of a box.

From 1975, a great 2-color fold-out 4 page mailer/brochure promoting the 210X and 215X. In great condition.

Marketing letter and 3 fliers (from Herb Johnson and Atlas president Mike Casinelli) promoting the 400X. Also in perfect condition.

Vol. 1 Issue 1 of the Atlas Radio Newsletter from September, 1995 (20 years to the date from the date the fold-out brochure was mailed. Again, in perfect condition.

I have pictures if you'd like to see them.

Someone give these great pieces of our radio history a home. $25
and I'll take care of the postage.

Also found a home-brew AFC unit for the VFO on the 210X/215 (4x6 metal project box). Complete with article explaining operation, instructions and schematic and schematic showing which pins on accessory plug to use. Have pictures. Previous owner of my 201X had this in service but I never hooked it up so can't speak to it's "working condition". $25 and I'll take care of the postage.

If interested in one or both of these, contact me off list at wd5iky@...

Thanks,

Duncan
WD5IKY

1011. Funny serial numbers

Yahoo group: atlas_radio
Date: 2013-01-30 23:10:12 UTC
From: Jharley
Topic: 1011 Message: 1011

I have 2 Atlas 350XL's, the first is serial 2308 and the second is 977034. Does anyone one know why the difference or when they were made?

1012. RE: [atlas_radio] Funny serial numbers

Yahoo group: atlas_radio
Date: 2013-01-30 23:43:30 UTC
From: MIKE DURKIN
Topic: 1011 Message: 1012

If no one responds ... ask on the 350XL forum....

To: atlas_radio@yahoogroups.com
From: wa2tti@...
Date: Wed, 30 Jan 2013 23:10:12 +0000
Subject: [atlas_radio] Funny serial numbers

I have 2 Atlas 350XL's, the first is serial 2308 and the second is 977034. Does anyone one know why the difference or when they were made?

[Non-text portions of this message have been removed]

1013. Re: [atlas_radio] Funny serial numbers

Yahoo group: atlas_radio
Date: 2013-01-31 00:59:37 UTC
From: JOHN B. KRUK
Topic: 1011 Message: 1013

OM,

If this can help - - - my 350-XL is S/N 1985CA. I purchased it new in FEB 1978. I still have it & still use it.

73's

John, K3KR

----- Original Message -----
From: "MIKE DURKIN" <Patriot121@...>
To: <atlas_radio@yahoogroups.com>
Sent: Wednesday, January 30, 2013 18:43
Subject: RE: [atlas_radio] Funny serial numbers

> If no one responds ... ask on the 350XL forum....
>
> To: atlas_radio@yahoogroups.com
> From: wa2tti@...
> Date: Wed, 30 Jan 2013 23:10:12 +0000
> Subject: [atlas_radio] Funny serial numbers
>
> I have 2 Atlas 350XL's, the first is serial 2308 and the second is
> 977034. Does anyone one know why the difference or when they were made?
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
>
>
>

1014. Re: [atlas_radio] Funny serial numbers

Yahoo group: atlas_radio
Date: 2013-01-31 03:19:47 UTC
From: Jerry
Topic: 1011 Message: 1014

I searched for 350xl forums and found nothing
On 1/30/2013 6:43 PM, MIKE DURKIN wrote:
> 350XL forum

--
Not sent from an iPhone: I prefer cappuccino to Cupertino.

[Non-text portions of this message have been removed]

1015. ALDA 105

Yahoo group: atlas_radio
Date: 2013-02-05 22:32:24 UTC
From: ka5dvr
Topic: 1015 Message: 1015

All,

I am looking for an owners manual for the Alda 105. Does anyone have any leads on one? So far, no luck at all finding one.

I just posted a pic of my Atlas 400X in the 400 console in the files. More to come.

Thanks and 73,
Mike
KA5DVR

1016. Re: [atlas_radio] ALDA 105

Yahoo group: atlas_radio
Date: 2013-02-06 01:48:02 UTC
From: JACK BREWER
Topic: 1015 Message: 1016

Mike, I am constantly looking for one also. If I find one I'll be sure to let you know I'm looking for both the 105 and 103. The 400X , is it in a 400 console or a 310 console like mine?? WA3VZK

From: ka5dvr <ka5dvr@...>
To: atlas_radio@yahoogroups.com
Sent: Tuesday, February 5, 2013 5:32 PM
Subject: [atlas_radio] ALDA 105

All,

I am looking for an owners manual for the Alda 105. Does anyone have any leads on one? So far, no luck at all finding one.

I just posted a pic of my Atlas 400X in the 400 console in the files. More to come.

Thanks and 73,
Mike
KA5DVR

[Non-text portions of this message have been removed]

1017. Re: [atlas_radio] ALDA 105

Yahoo group: atlas_radio
Date: 2013-02-06 14:01:02 UTC
From: Jerry
Topic: 1015 Message: 1017

I have a 103, and have never heard of a 105. Jerry It could be forsale

On 2/5/2013 8:48 PM, JACK BREWER wrote:
>
> Mike, I am constantly looking for one also. If I find one I'll be
> sure to let you know I'm looking for both the 105 and 103. The 400X ,
> is it in a 400 console or a 310 console like mine?? WA3VZK
>
> _____
> From: ka5dvr ka5dvr@... <mailto:ka5dvr%40yahoo.com>>
> To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
> Sent: Tuesday, February 5, 2013 5:32 PM
> Subject: [atlas_radio] ALDA 105
>
>
>
>
> All,
>
> I am looking for an owners manual for the Alda 105. Does anyone have
> any leads on one? So far, no luck at all finding one.
>
> I just posted a pic of my Atlas 400X in the 400 console in the files.
> More to come.
>
> Thanks and 73,
> Mike
> KA5DVR
>
> [Non-text portions of this message have been removed]
>
>

--
Not sent from an iPhone: I prefer cappuccino to Cupertino.

[Non-text portions of this message have been removed]

1018. Re: [atlas_radio] ALDA 105

Yahoo group: atlas_radio
Date: 2013-02-06 16:34:17 UTC
From: Mike Williamson
Topic: 1015 Message: 1018

Jack,

I will keep an eye pealed for a 103 or a 105. I assume you would like it 100%. I know where a complete parts 103 is right now. Did work, but quit. That is the only 103 I am aware about. I found two guys with partially working 105s, but they did not indicate the rigs were for sale. I can't find a 105 owners manual. The 105 is an upgrade to the 103, but they are in addition to the additional two bands. How much is hard to tell. Mine needs some TLC. I did have it on the air last night, but had to keep the power down or the TX will oscillate.

The 400X is sitting in a 400PS console. Yours is the 310 PS, as I recall. The console Hi Amps is too high a voltage and the 400X doesn't like it, so it is defeated for now. My 400X is not quite 100%. I got so frustrated with it, I decided we both needed a time out. It really is a prototype.

I discovered there may be another complete working (in 1995) 400X we didn't know about. The gentleman could not remember what the owner's name was. The owner was the venture capitalist guy for the 1994 Atlas Radio company. All that comes to mind is that he was ask to find a 100% working rig and put it in the guy's car. Which he did. The only other detail is that he is pretty sure is that the owner is a silent key. Maybe he will remember a name and we can research it.

That's all for now.

73,
Mike
KA5DVR

From: JACK BREWER <jtelrbrewer@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Tuesday, February 5, 2013 6:48 PM
Subject: Re: [atlas_radio] ALDA 105

Mike, I am constantly looking for one also. If I find one I'll be sure to let you know I'm looking for both the 105 and 103. The 400X , is it in a 400 console or a 310 console like mine?? WA3VZK

From: ka5dvr mailto:ka5dvr%40yahoo.com>
To: mailto:atlas_radio%40yahoogroups.com
Sent: Tuesday, February 5, 2013 5:32 PM
Subject: [atlas_radio] ALDA 105

All,

I am looking for an owners manual for the Alda 105. Does anyone have any leads on one? So far, no luck at all finding one.

I just posted a pic of my Atlas 400X in the 400 console in the files. More to come.

Thanks and 73,
Mike
KA5DVR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1019. Re: [atlas_radio] ALDA 105

Yahoo group: atlas_radio
Date: 2013-02-06 18:41:15 UTC
From: JACK BREWER
Topic: 1015 Message: 1019

Wow !!! Great news on the other working 400. Hope to find it. No, the Alda 103 and 105 do not have to be perfect, just complete. Best of luck with the 400 power supply. May be as simple as a dropping resistor or some kind of regulator circuit. maybe a couple of diodes to drop the voltage. A lot of ways to cure a little over voltage problem. I was thinking that they didn't make a 400 console and just used the 310 PS which they had on hand for the 310 radio which never was made. It would be nice if I could find an unknown working 310 model radio that no one knew about.
Right now I am working on the Kachina ones that I have. They both work but with low outputs. I solved the drifting problem on the 400X and now she is rock steady and I sometimes use it on 80 and 40 just for the fun of it. I get pretty good signal reports with it.
Also in the plans for taking a vacation this year to Hawaii again for our 40th anniversary and take along the Cubic diplomat rig. It has everything , powersupply antenna, tunerand mike in a neat suitcase, ready to go. It works great, used it quite a bit now. I wonder if I can get it through security without much trouble? Jack WA3VZK

From: Mike Williamson <ka5dvr@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Wednesday, February 6, 2013 11:34 AM
Subject: Re: [atlas_radio] ALDA 105

Jack,

I will keep an eye pealed for a 103 or a 105. I assume you would like it 100%. I know where a complete parts 103 is right now. Did work, but quit. That is the only 103 I am aware about. I found two guys with partially working 105s, but they did not indicate the rigs were for sale. I can't find a 105 owners manual. The 105 is an upgrade to the 103, but they are in addition to the additional two bands. How much is hard to tell. Mine needs some TLC. I did have it on the air last night, but had to keep the power down or the TX will oscillate.

The 400X is sitting in a 400PS console. Yours is the 310 PS, as I recall. The console Hi Amps is too high a voltage and the 400X doesn't like it, so it is defeated for now. My 400X is not quite 100%. I got so frustrated with it, I decided we both needed a time out. It really is a prototype.

I discovered there may be another complete working (in 1995) 400X we didn't know about. The gentleman could not remember what the owner's name was. The owner was the venture capitalist guy for the 1994 Atlas Radio company. All that comes to mind is that he was ask to find a 100% working rig and put it in the guy's car. Which he did. The only other detail is that he is pretty sure is that the owner is a silent key. Maybe he will remember a name and we can research it.

That's all for now.

73,
Mike
KA5DVR

From: JACK BREWER mailto:jtelrbrewer%40verizon.net>
To: "mailto:atlas_radio%40yahoogroups.com" mailto:atlas_radio%40yahoogroups.com>
Sent: Tuesday, February 5, 2013 6:48 PM
Subject: Re: [atlas_radio] ALDA 105

Mike, I am constantly looking for one also. If I find one I'll be sure to let you know I'm looking for both the 105 and 103. The 400X , is it in a 400 console or a 310 console like mine?? WA3VZK

From: ka5dvr mailto:ka5dvr%40yahoo.com>
To: mailto:atlas_radio%40yahoogroups.com
Sent: Tuesday, February 5, 2013 5:32 PM
Subject: [atlas_radio] ALDA 105

All,

I am looking for an owners manual for the Alda 105. Does anyone have any leads on one? So far, no luck at all finding one.

I just posted a pic of my Atlas 400X in the 400 console in the files. More to come.

Thanks and 73,
Mike
KA5DVR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1020. Re: [atlas_radio] ALDA 105

Yahoo group: atlas_radio
Date: 2013-02-06 18:44:34 UTC
From: qrv@kd4e.com
Topic: 1015 Message: 1020

What sort of prices are typical for these rigs and accessories?

> Wow !!! Great news on the other working 400. Hope to find it. No, the
> Alda 103 and 105 do not have to be perfect, just complete. Best of
> luck with the 400 power supply. May be as simple as a dropping
> resistor or some kind of regulator circuit. maybe a couple of diodes
> to drop the voltage. A lot of ways to cure a little over voltage
> problem. I was thinking that they didn't make a 400 console and just
> used the 310 PS which they had on hand for the 310 radio which never
> was made. It would be nice if I could find an unknown working 310
> model radio that no one knew about. Right now I am working on the
> Kachina ones that I have. They both work but with low outputs. I
> solved the drifting problem on the 400X and now she is rock steady
> and I sometimes use it on 80 and 40 just for the fun of it. I get
> pretty good signal reports with it. Also in the plans for taking a
> vacation this year to Hawaii again for our 40th anniversary and take
> along the Cubic diplomat rig. It has everything , powersupply
> antenna, tunerand mike in a neat suitcase, ready to go. It works
> great, used it quite a bit now. I wonder if I can get it through
> security without much trouble? Jack WA3VZK

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1021. Re: [atlas_radio] ALDA 105

Yahoo group: atlas_radio
Date: 2013-02-06 19:17:22 UTC
From: Mike Williamson
Topic: 1015 Message: 1021

Jack,

I wish we knew the guy's name. I have another source I might try to get it. I would not expect you to find a 310X. The picture that you see with Herb at a southern CA hamfest has a 310X in it, I think. It was just an empty shell according to the guy who drove Herb to the hamfest. He did the same with the 400X. It was an advertizing technique to drum up interest. Maybe they made a prototype? Who knows for sure. I understand one sold on E-Bay, but I don't have the details.

I had the drifting issue and got it fixed with the 400X. Not a screw one was tight in the whole rig. The TX also does not oscillate when you key up any more. It has blown out several coupling caps between the audio power amp and the speaker. It also blew out the internal speaker as well. The audio amp was oscillating above the audio range and taking things out. I put an RC network in parallel with the speaker as suggested by the manufacturer of the audio power amp and that stopped that little trick. A friend suggested fixes for all of these things, I followed his suggestions and all of the above got fixed. The IF crystal filter now works. A control wire had come loose and the circuit requires 8 VDC to change IF bandwidth. If I can settle down the TX freq, then she will be at 100%. So far no luck with that. Probably the manual synthesizer input to the VFO.

On taking the Cubic diplomat through air port security, a friend had flown with his KX3 in his luggage. He declares he is a ham, shows them the rig and a copy of his FCC license and apparently it works.

One of the Swan guys has a complete, but not working Alda 103 for sale. Jerry on the list here in the message below yours might have a 103 for sale.

73,
Mike
KA5DVR

From: JACK BREWER <jtelrbrewer@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Wednesday, February 6, 2013 11:41 AM
Subject: Re: [atlas_radio] ALDA 105

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it.
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From: Mike Williamson mailto:ka5dvr%40yahoo.com>
To: "mailto:atlas_radio%40yahoogroups.com" mailto:atlas_radio%40yahoogroups.com>
Sent: Wednesday, February 6, 2013 11:34 AM
Subject: Re: [atlas_radio] ALDA 105

Jack,

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That's all for now.

73,
Mike
KA5DVR

From: JACK BREWER mailto:jtelrbrewer%40verizon.net>
To: "mailto:atlas_radio%40yahoogroups.com" mailto:atlas_radio%40yahoogroups.com>
Sent: Tuesday, February 5, 2013 6:48 PM
Subject: Re: [atlas_radio] ALDA 105

Mike, I am constantly looking for one also. If I find one I'll be sure to let you know I'm looking for both the 105 and 103. The 400X , is it in a 400 console or a 310 console like mine?? WA3VZK

From: ka5dvr mailto:ka5dvr%40yahoo.com>
To: mailto:atlas_radio%40yahoogroups.com
Sent: Tuesday, February 5, 2013 5:32 PM

Subject: [atlas_radio] ALDA 105

All,

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I just posted a pic of my Atlas 400X in the 400 console in the files. More to come.

Thanks and 73,
Mike
KA5DVR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1022. Re: [atlas_radio] ALDA 105

Yahoo group: atlas_radio
Date: 2013-02-06 19:35:12 UTC
From: Mike Williamson
Topic: 1015 Message: 1022

David,

The gentleman I bought it from worked at Atlas Radio in 1994/5, had the 400X and never touched it. He knew it had many problems and wanted to find a good home for it. Except for me wanting (and not following through) to throw it through a window at times, it has. It was actually very reasonable and cost about what a 210X, a console and the associated Atlas display in pristine shape would go for.

Jack, I think bought his 400X off of E-Bay. It was quite a bit more as I recall. His has quite the story behind it and the "crook" that sold it to him, had it working pretty well. Jack would have the details.

Jack and I have only been able to locate our two of the 400Xs in working or near working condition. I know about third one, but it is not complete and it will be a real chore to finish that one out. The console was the only accessory, they did not stay in business long enough to make anything else.
 The Alda 105 cost about what a 210X in good shape would go for. Alda had made two power supplies for the 103 and 105s. Maybe something else, I am not really sure?

73,
Mike
KA5DVR

From: "qrv@..." <qrv@...>
To: atlas_radio@yahoogroups.com
Sent: Wednesday, February 6, 2013 11:44 AM
Subject: Re: [atlas_radio] ALDA 105

What sort of prices are typical for these rigs and accessories?

> Wow !!! Great news on the other working 400. Hope to find it. No, the
> Alda 103 and 105 do not have to be perfect, just complete. Best of
> luck with the 400 power supply. May be as simple as a dropping
> resistor or some kind of regulator circuit. maybe a couple of diodes
> to drop the voltage. A lot of ways to cure a little over voltage
> problem. I was thinking that they didn't make a 400 console and just
> used the 310 PS which they had on hand for the 310 radio which never
> was made. It would be nice if I could find an unknown working 310
> model radio that no one knew about. Right now I am working on the
> Kachina ones that I have. They both work but with low outputs. I
> solved the drifting problem on the 400X and now she is rock steady
> and I sometimes use it on 80 and 40 just for the fun of it. I get
> pretty good signal reports with it. Also in the plans for taking a
> vacation this year to Hawaii again for our 40th anniversary and take
> along the Cubic diplomat rig. It has everything , powersupply
> antenna, tunerand mike in a neat suitcase, ready to go. It works

> great, used it quite a bit now. I wonder if I can get it through
> security without much trouble? Jack WA3VZK

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

[Non-text portions of this message have been removed]

1023. Re: [atlas_radio] ALDA 105

Yahoo group: atlas_radio
Date: 2013-02-06 20:33:11 UTC
From: qrv@kd4e.com
Topic: 1015 Message: 1023

Mike,

OK. There's a large Fest this weekend so I wondered what
to think if I happened to see any of the Alda gear.

I have a 210x LE and may look for a 215x to keep it company.

David

> The gentleman I bought it from worked at Atlas Radio in 1994/5, had
> the 400X and never touched it. He knew it had many problems and
> wanted to find a good home for it. Except for me wanting (and not
> following through) to throw it through a window at times, it has. It
> was actually very reasonable and cost about what a 210X, a console
> and the associated Atlas display in pristine shape would go for.
>
> Jack, I think bought his 400X off of E-Bay. It was quite a bit more
> as I recall. His has quite the story behind it and the "crook" that
> sold it to him, had it working pretty well. Jack would have the
> details.
>
> Jack and I have only been able to locate our two of the 400Xs in
> working or near working condition. I know about third one, but it is
> not complete and it will be a real chore to finish that one out. The
> console was the only accessory, they did not stay in business long
> enough to make anything else. The Alda 105 cost about what a 210X in
> good shape would go for. Alda had made two power supplies for the
> 103 and 105s. Maybe something else, I am not really sure?
>
> 73, Mike KA5DVR

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
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1024. Re: [atlas_radio] ALDA 105

Yahoo group: atlas_radio
Date: 2013-02-07 18:33:13 UTC
From: Mike Williamson
Topic: 1015 Message: 1024

David,

I live in the Denver area and it is rare to see any Swan, Atlas or Cubic gear at a ham fest. But you do see it occasionally. Get there early and have a look. Apparently the Alda 105s are rare, the 103s are a bit more common. Good luck. I went to one ham fest and had to tell the guy who had the Swan 400 what it was. It was donated to the club and nobody quite knew anything about it. It did find a home.

73,
Mike
KA5DVR

_____
From: "qrv@kd4e.com" <qrv@...>
To: atlas_radio@yahoogroups.com
Sent: Wednesday, February 6, 2013 1:33 PM
Subject: Re: [atlas_radio] ALDA 105

Mike,

OK. There's a large Fest this weekend so I wondered what
to think if I happened to see any of the Alda gear.

I have a 210x LE and may look for a 215x to keep it company.

David

> The gentleman I bought it from worked at Atlas Radio in 1994/5, had
> the 400X and never touched it. He knew it had many problems and
> wanted to find a good home for it. Except for me wanting (and not
> following through) to throw it through a window at times, it has. It
> was actually very reasonable and cost about what a 210X, a console
> and the associated Atlas display in pristine shape would go for.
>
> Jack, I think bought his 400X off of E-Bay. It was quite a bit more
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> sold it to him, had it working pretty well. Jack would have the
> details.
>
> Jack and I have only been able to locate our two of the 400Xs in
> working or near working condition. I know about third one, but it is
> not complete and it will be a real chore to finish that one out. The
> console was the only accessory, they did not stay in business long
> enough to make anything else. The Alda 105 cost about what a 210X in
> good shape would go for. Alda had made two power supplies for the
> 103 and 105s. Maybe something else, I am not really sure?
>

> 73, Mike KA5DVR

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

[Non-text portions of this message have been removed]

1025. Re: [atlas_radio] Funny serial numbers

Yahoo group: atlas_radio
Date: 2013-02-10 12:18:46 UTC
From: Gerhard Wagner
Topic: 1011 Message: 1025

Dr OM,
My 350XL is 1277044 (the PS is 1177006).
The Trxvr is the revised version with the 2 piece cabinet and the insert
for the Pwr / Tx Drive Control instead of the Pwr Toggle Switch as seen
in the earlier versions. So maybe it was built in 1977.
I once had a late 350XL MKII, remembering the S/N to be somewhat similar
to xxxxCA. It seems they changed the scheme for the S/N during the years.

Do we have an overview for S/N of the 210/215 line? My 210x is a late
unit with the smaller tuning knob and a newer PA driver transistor. It
is labeled TM15240. Anybody with a higher one?

73 de Gerhard, DF1DA

Am 31.01.2013 01:59, schrieb JOHN B. KRUK:
>
>
> OM,
>
> If this can help - - - my 350-XL is S/N 1985CA. I purchased it new in FEB
> 1978. I still have it & still use it.
>
> 73's
>
> John, K3KR
>
> ----- Original Message -----
> From: "MIKE DURKIN" Patriot121@... <mailto:Patriot121%40msn.com>>
> To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>>
> Sent: Wednesday, January 30, 2013 18:43
> Subject: RE: [atlas_radio] Funny serial numbers
>
> > If no one responds ... ask on the 350XL forum....
> >
> > To: atlas_radio@yahoogroups.com <mailto:atlas_radio%40yahoogroups.com>
> > From: wa2tti@... <mailto:wa2tti%40verizon.net>
> > Date: Wed, 30 Jan 2013 23:10:12 +0000
> > Subject: [atlas_radio] Funny serial numbers
> >
> > I have 2 Atlas 350XL's, the first is serial 2308 and the second is
> > 977034. Does anyone one know why the difference or when they were made?
> >
> >
> > [Non-text portions of this message have been removed]
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> > Yahoo! Groups Links
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[Non-text portions of this message have been removed]

1026. Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-02-12 22:13:01 UTC
From: qrv@kd4e.com
Topic: 1026 Message: 1026

I'm getting about 10w out of the rig on SSB, after adjusting the mic/alc control, and whistling into a Shure CM-17L desk mic (it is relabeled "Swan" on the base).

There is no response to a CW key. Seems odd.

Do these two symptoms suggest any common source to anyone?

Also, the Console 220CS is showing 18.3 VDC unloaded (on a Fluke 85 III meter) and 9.1mv AC on the same meter.

I put a scope on the PS output and it looks like a mountain peak with a shallow ragged valley - and the peak is skewed to the left (starts high then drops fairly rapidly to the right side of each cycle).

Do these symptoms suggest the need for new PS caps?

Could these power supply symptoms cause the rig TX problems?

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
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Network: groups.yahoo.com/group/qrv
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1027. Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-02-12 22:44:50 UTC
From: Jim
Topic: 1026 Message: 1027

Replace the PS caps and check the zeners in the PS -- there's two voltages: lo-current RX at about 13.5V, and hi-current TX at about 16 or 17V. The TX is just for the PA; the RX is basically for the rest.

After 30 years, the console PS usually is pretty much toast except for the transformer, rectifier, and pass transistor(s).

73
Jim N6OTQ

>_____
> From: "qrv@..." <qrv@...>
>To: atlas_radio@yahoogroups.com
>Sent: Tuesday, February 12, 2013 4:13 PM
>Subject: [atlas_radio] Troubleshooting Atlas 210x Limited Edition
>
>I'm getting about 10w out of the rig on SSB, after adjusting the
>mic/alc control, and whistling into a Shure CM-17L desk mic (it
>is relabeled "Swan" on the base).
>
>There is no response to a CW key. Seems odd.
>
>Do these two symptoms suggest any common source to anyone?
>
>Also, the Console 220CS is showing 18.3 VDC unloaded (on a
>Fluke 85 III meter) and 9.1mv AC on the same meter.
>
>I put a scope on the PS output and it looks like a mountain
>peak with a shallow ragged valley - and the peak is skewed
>to the left (starts high then drops fairly rapidly to the
>right side of each cycle).
>
>Do these symptoms suggest the need for new PS caps?
>
>Could these power supply symptoms cause the rig TX problems?
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>
>--
>
>Thanks! & 73, KD4E.com
>David Colburn nevils-station.com
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>Network: groups.yahoo.com/group/qrv
>Restored to design-spec at Heaven's gate 1Cor15:22
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[Non-text portions of this message have been removed]

1028. Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-02-12 23:06:27 UTC
From: qrv@kd4e.com
Topic: 1026 Message: 1028

Thanks!

This rig & I are going to be very good friends before this is over.

:-)

> Replace the PS caps and check the zeners in the PS -- there's two
> voltages: lo-current RX at about 13.5V, and hi-current TX at about
> 16 or 17V. The TX is just for the PA; the RX is basically for the
> rest.
>
> After 30 years, the console PS usually is pretty much toast except
> for the transformer, rectifier, and pass transistor(s).
>
> 73 Jim N6OTQ

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
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Network: groups.yahoo.com/group/qrv
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1029. Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-02-13 14:46:06 UTC
From: dennis hatch
Topic: 1026 Message: 1029

The Atlas power supply console is a "brute force" power supply and is not regulated. The rectifier diodes are swaged into an aluminum heat sink and due to the dissimilar metals, i.e. tin plating of the diodes against the alumimum, it can cause a high resistance connection. This will cause a voltage drop in transmit mode. Not all the lies do this, but with age it certainly can become a problem. I've seen three with this problem on one's I have repaired over the years. The capacitors usually will reform and do not give that much trouble.

From: qrv@... <qrv@...>
Subject: Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition
To: atlas_radio@yahoogroups.com
Date: Tuesday, February 12, 2013, 5:06 PM

Thanks!

This rig & I are going to be very good friends before this is over.

:-)

> Replace the PS caps and check the zeners in the PS -- there's two
> voltages: lo-current RX at about 13.5V, and hi-current TX at about
> 16 or 17V. The TX is just for the PA; the RX is basically for the
> rest.
>
> After 30 years, the console PS usually is pretty much toast except
> for the transformer, rectifier, and pass transistor(s).
>
> 73 Jim N6OTQ

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
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Yahoo! Groups Links

[Non-text portions of this message have been removed]

1030. Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-02-13 14:52:27 UTC
From: Jim
Topic: 1026 Message: 1030

The HV TX side is not regulated.

The LV RX side _IS_ regulated. Check the schematics.

You'll find that there were a large number of designs for the supplies, especially the LV RX supply, over the years. It may be desirable to re-design and implement a more modern supply ... maybe even for both RX and TX.

73
Jim N6OTQ

>_____
> From: dennis hatch <dennishhatch@...>
>To: atlas_radio@yahoogroups.com
>Sent: Wednesday, February 13, 2013 8:46 AM
>Subject: Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition
>
>The Atlas power supply console is a "brute force" power supply and is not regulated. The rectifier diodes are swaged into an aluminum heat sink and due to the dissimilar metals, i.e. tin plating of the diodes against the alumimum, it can cause a high resistance connection. This will cause a voltage drop in transmit mode. Not all the lies do this, but with age it certainly can become a problem. I've seen three with this problem on one's I have repaired over the years. The capacitors usually will reform and do not give that much trouble.
>
>
>
>
>From: qrv@... <qrv@...>
>Subject: Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition
>To: atlas_radio@yahoogroups.com
>Date: Tuesday, February 12, 2013, 5:06 PM
>
>
>Thanks!
>
>This rig & I are going to be very good friends before this is over.
>
>:-)
>
>
>
>> Replace the PS caps and check the zeners in the PS -- there's two
>> voltages: lo-current RX at about 13.5V, and hi-current TX at about
>> 16 or 17V. The TX is just for the PA; the RX is basically for the
>> rest.

>>
>> After 30 years, the console PS usually is pretty much toast except
>> for the transformer, rectifier, and pass transistor(s).
>>
>> 73 Jim N6OTQ
>
>
>
>--
>
>Thanks! & 73, KD4E.com
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[Non-text portions of this message have been removed]

1031. Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-02-13 16:55:29 UTC
From: qrv@kd4e.com
Topic: 1026 Message: 1031

I have an alternative 13.8vdc power source but 16 or 17vdc could be challenging, next handy 5+ amp voltage source here is 28vdc.

The manual does not mention 16-17vdc on the TX side, only 13vdc @ 16a, is 16-17vdc more efficient but not necessary (as long as adequate current is available)?

Designing and retrofitting a properly filtered and regulated dual-voltage DC PS sounds like an adventure - has anyone done this already who might share their experience?

Is the 16-17vdc for TX part of their LE-tweak for higher power?

OK on checking the diodes and caps, will do.

Also, anyone have Extender Boards, or know of a source?

Thanks!

David

> The HV TX side is not regulated.
>
> The LV RX side _IS_ regulated. Check the schematics.
>
> You'll find that there were a large number of designs for the
> supplies, especially the LV RX supply, over the years. It may be
> desirable to re-design and implement a more modern supply ... maybe
> even for both RX and TX.
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> 73 Jim N6OTQ
>
>>
>> The Atlas power supply console is a "brute force" power supply and
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>> diodes against the alumimum, it can cause a high resistance
>> connection. This will cause a voltage drop in transmit mode. Not
>> all the lies do this, but with age it certainly can become a
>> problem. I've seen three with this problem on one's I have repaired
>> over the years. The capacitors usually will reform and do not give
>> that much trouble.
>>
>>
>> From: qrv@... <qrv@...> Subject: Re: [atlas_radio]
>> Troubleshooting Atlas 210x Limited Edition To:
>> atlas_radio@yahoogroups.com Date: Tuesday, February 12, 2013, 5:06

>> PM
>>
>>
>> Thanks!
>>
>> This rig & I are going to be very good friends before this is
>> over.
>>
>> :-)
>>
>>> Replace the PS caps and check the zeners in the PS -- there's
>>> two voltages: lo-current RX at about 13.5V, and hi-current TX at
>>> about 16 or 17V. The TX is just for the PA; the RX is basically
>>> for the rest.
>>>
>>> After 30 years, the console PS usually is pretty much toast
>>> except for the transformer, rectifier, and pass transistor(s).
>>>
>>> 73 Jim N6OTQ

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
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1032. RE: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-02-13 17:15:13 UTC
From: MIKE DURKIN
Topic: 1026 Message: 1032

you dont need the extra voltage .... it was there to help with Tx power out .... at 14V(13.8) you will still get plenty of power ....
pluss the voltage would sag on average draw lower than 16V (the way i remember)

You can just modify the PS to a standard PS configuration .... if you felt like it ... or not.

I used a car headlight to test the PS (80w) .... if the High voltage sagged below 12V ... i would replace the rect diodes ...
If the there was a hum (that was annoying) on Rx still after the test ... i would then replace the Filter cap .... computer grade caps are cheap these days ... but a good chance it will be ok .... depends on how cheap you are ...

Mike KC7NOA

To: atlas_radio@yahoogroups.com
From: qrv@...
Date: Wed, 13 Feb 2013 11:55:29 -0500
Subject: Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

I have an alternative 13.8vdc power source but 16 or 17vdc could be

challenging, next handy 5+ amp voltage source here is 28vdc.

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Also, anyone have Extender Boards, or know of a source?

Thanks!

David

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>

> The LV RX side _IS_ regulated. Check the schematics.

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> supplies, especially the LV RX supply, over the years. It may be

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>

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>> problem. I've seen three with this problem on one's I have repaired

>> over the years. The capacitors usually will reform and do not give

>> that much trouble.

>>

>>

>> From: qrv@... qrv@...> Subject: Re: [atlas_radio]

>> Troubleshooting Atlas 210x Limited Edition To:

>> atlas_radio@yahoogroups.com Date: Tuesday, February 12, 2013, 5:06

>> PM

>>

>>

>> Thanks!

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>> This rig & I are going to be very good friends before this is

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>> :-)

>>

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>>> two voltages: lo-current RX at about 13.5V, and hi-current TX at

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>>> 73 Jim N6OTQ

--

Thanks! & 73, KD4E.com

David Colburn nevils-station.com

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Network: groups.yahoo.com/group/qrv

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[Non-text portions of this message have been removed]

1033. Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-02-13 17:15:56 UTC
From: Jim
Topic: 1026 Message: 1033

The receiver, and transmitter up to the driver, run on nominal 13.6V both in the console and as a mobile.

As a mobile, the RX, TX, and PA all run off of vehicle voltage.

In the console only, the PA is "volted" by the HV TX supply at 16 to 17 volts -- whatever the loaded voltage of the transformer BEFORE regulation is. This gives significantly more power out, with essentially zero additional cost.

Does this add any insight?

73
Jim N6OTQ

>_____
> From: "qrv@..." <qrv@...>
>To: atlas_radio@yahoogroups.com
>Sent: Wednesday, February 13, 2013 10:55 AM
>Subject: Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition
>
>I have an alternative 13.8vdc power source but 16 or 17vdc could be
>challenging, next handy 5+ amp voltage source here is 28vdc.
>
>The manual does not mention 16-17vdc on the TX side, only 13vdc @
>16a, is 16-17vdc more efficient but not necessary (as long as
>adequate current is available)?
>
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>dual-voltage DC PS sounds like an adventure - has anyone done
>this already who might share their experience?
>
>Is the 16-17vdc for TX part of their LE-tweak for higher power?
>
>OK on checking the diodes and caps, will do.
>
>Also, anyone have Extender Boards, or know of a source?
>
>Thanks!
>
>David
>
>
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>>> over the years. The capacitors usually will reform and do not give
>>> that much trouble.
>>>
>>>
>>> From: qrv@kd4e.com <qrv@...> Subject: Re: [atlas_radio]
>>> Troubleshooting Atlas 210x Limited Edition To:
>>> atlas_radio@yahoogroups.com Date: Tuesday, February 12, 2013, 5:06
>>> PM
>>>
>>>
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>>>
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>>>> for the rest.
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>>>> After 30 years, the console PS usually is pretty much toast
>>>> except for the transformer, rectifier, and pass transistor(s).
>>>>
>>>> 73 Jim N6OTQ
>

[Non-text portions of this message have been removed]

1034. Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-02-13 17:34:22 UTC
From: qrv@kd4e.com
Topic: 1026 Message: 1034

MIKE,

I prefer to do things right for long-term reliability.
I will replace any component that appears questionable.

When left running for a while on RX I noticed a whistle
that appeared to come from the PS. (There is also some feedback
when the volume is turned up real high - will chase that later.)

I do have a 500amp rated Chicago (Harbor Freight) battery
load tester (carbon pile I suppose) in underbay of my tool chest,
that ought to do it! ;-)

Thanks!

David

> you dont need the extra voltage .... it was there to help with Tx
> power out .... at 14V(13.8) you will still get plenty of power ....
> pluss the voltage would sag on average draw lower than 16V (the way i
> remember)
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> You can just modify the PS to a standard PS configuration .... if you
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> I used a car headlight to test the PS (80w) .... if the High voltage
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> was a hum (that was annoying) on Rx still after the test ... i would
> then replace the Filter cap .... computer grade caps are cheap these
> days ... but a good chance it will be ok .... depends on how cheap
> you are ...
>
> Mike KC7NOA

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1035. Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-02-13 17:55:01 UTC
From: qrv@kd4e.com
Topic: 1026 Message: 1035

Jim,

OK, I do see the marketing value of the higher power number,
but on the receiving end is anyone likely to really notice a difference?

The stock 210x is rated 200w PEP Input & 80w PEP Output.

The LE model is rated 250w PEP Input (100w PEP Output?)

Isn't 80w vs 100w indiscernible to a receiving station and 600w the
next significant step?

Also, if the difference is mostly marketing, does running easy
at 200w PEP Input contribute to the longevity of the rig?

BTW: I believe that the finals in this one are SD 1405's.

Thanks!

David

> The receiver, and transmitter up to the driver, run on nominal 13.6V
> both in the console and as a mobile.
>
> As a mobile, the RX, TX, and PA all run off of vehicle voltage.
>
> In the console only, the PA is "volted" by the HV TX supply at 16 to
> 17 volts -- whatever the loaded voltage of the transformer BEFORE
> regulation is. This gives significantly more power out, with
> essentially zero additional cost.
>
> Does this add any insight?
>
> 73 Jim N6OTQ

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1036. Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-02-13 18:10:39 UTC
From: Jim
Topic: 1026 Message: 1036

It's a CBer thing.

You might not understand.

However, the MIC GAIN control lets you turn down the PA output if you wish. In practice, when somebody can hear you at 100W out, they can hear you at 5W out, too. ANd if you look in the rules, you'll see a phrase to the effect that you use only enough power to reliably establish _and maintain_ communications.

So when you get "S9+30" it's time to back it off a little.

You might check into the 3905 Century Club nets for a while to see the vagaries of propagation in actual practice. It'll surprise you.

73
Jim N6OTQ

>_____
> From: "qrv@..." <qrv@...>
>To: atlas_radio@yahoogroups.com
>Sent: Wednesday, February 13, 2013 11:55 AM
>Subject: Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition
>
>Jim,
>
>   OK, I do see the marketing value of the higher power number,
>but on the receiving end is anyone likely to really notice a difference?
>
>   The stock 210x is rated 200w PEP Input & 80w PEP Output.
>
>   The LE model is rated 250w PEP Input (100w PEP Output?)
>
>   Isn't 80w vs 100w indiscernible to a receiving station and 600w the
>next significant step?
>
>   Also, if the difference is mostly marketing, does running easy
>at 200w PEP Input contribute to the longevity of the rig?
>
>   BTW: I believe that the finals in this one are SD 1405's.
>
>Thanks!
>
>David
>
>> The receiver, and transmitter up to the driver, run on nominal 13.6V
>> both in the console and as a mobile.

>>
>> As a mobile, the RX, TX, and PA all run off of vehicle voltage.
>>
>> In the console only, the PA is "volted" by the HV TX supply at 16 to
>> 17 volts -- whatever the loaded voltage of the transformer BEFORE
>> regulation is. This gives significantly more power out, with
>> essentially zero additional cost.
>>
>> Does this add any insight?
>>
>> 73 Jim N6OTQ
>
>
>
>--
>
>Thanks! & 73, KD4E.com
>David Colburn nevils-station.com
>I don't google I SEARCH! duckduckgo.com
>Network: groups.yahoo.com/group/qrv
>Restored to design-spec at Heaven's gate 1Cor15:22
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

1037. Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-02-13 18:20:09 UTC
From: qrv@kd4e.com
Topic: 1026 Message: 1037

Jim,

I get the CB-mentality that every extra watt is an ego-boost
and that there is an imaginary improvement for any step-up in power.

I also used to listen to the HF activities on 75/80m and do
have some awareness of propagation vagaries - and have observed that
those whose signals (as received) improve did one of a few things:

1. Better antennas for the purpose.
2. Better audio-chain for full modulation & clean audio.
3. 100w to 600w power increase.
4. 600w to 1200w power increase.

I have not observed anything else that the transmitting
station does that makes a meaningful difference at the receiving end.

Thanks!

David

> It's a CBer thing.
>
> You might not understand.
>
> However, the MIC GAIN control lets you turn down the PA output if you
> wish. In practice, when somebody can hear you at 100W out, they can
> hear you at 5W out, too. ANd if you look in the rules, you'll see a
> phrase to the effect that you use only enough power to reliably
> establish _and maintain_ communications.
>
> So when you get "S9+30" it's time to back it off a little.
>
> You might check into the 3905 Century Club nets for a while to see
> the vagaries of propagation in actual practice. It'll surprise you.
>
> 73

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1038. Atlas 350XL PA

Yahoo group: atlas_radio
Date: 2013-02-15 17:06:56 UTC
From: allansavins
Topic: 1038 Message: 1038

HI,
Recently purchased an Atlas 350XL that I wish to restored. Unfortunately the PA has been removed. Can somebody help out with a spare PA? Dead final transistors not really an issue.
Thanks,
Allan
VK2EFM

1039. RE: [atlas_radio] Atlas 350XL PA

Yahoo group: atlas_radio
Date: 2013-02-15 17:44:30 UTC
From: MIKE DURKIN
Topic: 1038 Message: 1039

do you really want to go with an original ??

If you REALLY want an original .... i have a spare that i could be coerced into parting with ...

Do you still have the heatsink ?

Mike KC7NOA

Asked on the 350Xl forum ?

To: atlas_radio@yahoogroups.com
From: allansavins@...
Date: Fri, 15 Feb 2013 17:06:56 +0000
Subject: [atlas_radio] Atlas 350XL PA

HI,

Recently purchased an Atlas 350XL that I wish to restored. Unfortunately the PA has been removed. Can somebody help out with a spare PA? Dead final transistors not really an issue.

Thanks,

Allan

VK2EFM

[Non-text portions of this message have been removed]

1040. My second 350-XL

Yahoo group: atlas_radio
Date: 2013-02-18 16:12:15 UTC
From: tsmerk
Topic: 1040 Message: 1040

I'm back! A while ago I sold my Atlas 350-XL because it had some problems and I couldn't afford to have it repaired and didn't possess the skills to fix it myself. This past weekend, February 15 & 16 found me attending the Yuma Hamfest & ARRL Southwest Convention where I visited the tailgater's swat meet and walked away with a 350-XL and matching 350-PS to complete the set. While I was there, I also picked up another Shure 444 mic to go with it. After setting it up yesterday and getting some reports on the 40 meter band, I am satisfied that this one is working perfectly. The only problem is that the frequency is on by .2 kc ☐ a very small amount, not bad! I can probably figure out how to adjust that, then this will be a perfect rig to enjoy and discuss in this forum!

1041. RE: [atlas_radio] My second 350-XL

Yahoo group: atlas_radio
Date: 2013-02-18 17:45:54 UTC
From: MIKE DURKIN
Topic: 1040 Message: 1041

Insane sweet find !!!!!

yea, on the freq counter board .. top center ... is an adjustment trimmer cap for the crystal ... thats how you adjust. Make sure you touch the case before atempting adjustment ---BE ESD safe ....

To: atlas_radio@yahoogroups.com
From: tom.smerk@...
Date: Mon, 18 Feb 2013 16:12:15 +0000
Subject: [atlas_radio] My second 350-XL

I'm back! A while ago I sold my Atlas 350-XL because it had some problems and I couldn't afford to have it repaired and didn't possess the skills to fix it myself. This past weekend, February 15 & 16 found me attending the Yuma Hamfest & ARRL Southwest Convention where I visited the tailgater's swat meet and walked away with a 350-XL and matching 350-PS to complete the set. While I was there, I also picked up another Shure 444 mic to go with it. After setting it up yesterday and getting some reports on the 40 meter band, I am satisfied that this one is working perfectly. The only problem is that the frequency is on by .2 kc ? a very small amount, not bad! I can probably figure out how to adjust that, then this will be a perfect rig to enjoy and discuss in this forum!

[Non-text portions of this message have been removed]

1042. Power connector for Atlas 210x?

Yahoo group: atlas_radio
Date: 2013-02-23 23:45:58 UTC
From: qrv@kd4e.com
Topic: 1042 Message: 1042

What are the dimensions/what is the connector type
for the banana plug-type power connector on the
rear of the 210x, please?

I need to either buy a DC cable or build one.

Since I have plenty of wire, etc, to buy just the
connector - or correct connector pieces - would be
fine.

Thanks!

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1043. Re: [atlas_radio] Power connector for Atlas 210x?

Yahoo group: atlas_radio
Date: 2013-02-24 00:39:40 UTC
From: William Laakkonen
Topic: 1042 Message: 1043

Standard banana jacks and plugs- either glue, tape or epoxy the females
together- I used Rescue Tape on mine.

73
Bill
N4BKT

On Sat, Feb 23, 2013 at 6:45 PM, qrv@... <qrv@...> wrote:

> **
>
>
> What are the dimensions/what is the connector type
> for the banana plug-type power connector on the
> rear of the 210x, please?
>
> I need to either buy a DC cable or build one.
>
> Since I have plenty of wire, etc, to buy just the
> connector - or correct connector pieces - would be
> fine.
>
> Thanks!
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
>
>

[Non-text portions of this message have been removed]

1044. Re: [atlas_radio] Power connector for Atlas 210x?

Yahoo group: atlas_radio
Date: 2013-02-24 01:01:10 UTC
From: qrv@kd4e.com
Topic: 1042 Message: 1044

But Bill!

That can't be the right answer ... my junk box
doesn't have any inline female banana connectors! ;-)

I suppose I need a couple of these?
http://www.electronicplus.com/images/products/9210-RED.jpg

Thanks!

David

> Standard banana jacks and plugs- either glue, tape or epoxy the females
> together- I used Rescue Tape on mine.
>
> 73
> Bill
> N4BKT
>
>
>
> On Sat, Feb 23, 2013 at 6:45 PM, qrv@... <qrv@...> wrote:
>
>> **
>>
>>
>> What are the dimensions/what is the connector type
>> for the banana plug-type power connector on the
>> rear of the 210x, please?
>>
>> I need to either buy a DC cable or build one.
>>
>> Since I have plenty of wire, etc, to buy just the
>> connector - or correct connector pieces - would be
>> fine.
>>
>> Thanks!

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1045. Re: [atlas_radio] Power connector for Atlas 210x?

Yahoo group: atlas_radio
Date: 2013-02-24 01:14:43 UTC
From: William Laakkonen
Topic: 1042 Message: 1045

http://www.mouser.com/ProductDetail/Emerson-Connectivity-Solutions/108-0902-001/?qs=%2fha2pyFaduiTwY7%2f0%252brGaI1HEdmk4bzS0RVOdFwI2jSaZLagg%2f8%2fMg%3d%3d

2 off 108-0902-001 @ $0.55
and 1 off
108-0753-001 at $1.13

http://www.mouser.com/ProductDetail/Johnson-Emerson-Connectivity-Solutions/108-0753-001/?qs=sGAEpiMZZMtW7Xd10NdmuPFszllTf2im8vfpRTSvNR0%3d

So about $2.25 should do it. you might get fancy and mount the jacks on a
chunk of FR4 or metal.

73
Bill

On Sat, Feb 23, 2013 at 8:01 PM, qrv@... <qrv@kd4e.com> wrote:

> **
>
>
> But Bill!
>
> That can't be the right answer ... my junk box
> doesn't have any inline female banana connectors! ;-)
>
> I suppose I need a couple of these?
> http://www.electronicplus.com/images/products/9210-RED.jpg
>
> Thanks!
>
> David
>
>
> > Standard banana jacks and plugs- either glue, tape or epoxy the females
> > together- I used Rescue Tape on mine.
> >
> > 73
> > Bill
> > N4BKT
> >
> >
> >
> > On Sat, Feb 23, 2013 at 6:45 PM, qrv@... qrv@...> wrote:
> >
> >> **

>
> >>
> >>
> >> What are the dimensions/what is the connector type
> >> for the banana plug-type power connector on the
> >> rear of the 210x, please?
> >>
> >> I need to either buy a DC cable or build one.
> >>
> >> Since I have plenty of wire, etc, to buy just the
> >> connector - or correct connector pieces - would be
> >> fine.
> >>
> >> Thanks!
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
>
>
>

[Non-text portions of this message have been removed]

1046. Re: [atlas_radio] Power connector for Atlas 210x?

Yahoo group: atlas_radio
Date: 2013-02-24 01:27:58 UTC
From: qrv@kd4e.com
Topic: 1042 Message: 1046

Thanks for the links!

I have many black and white male inline banana connectors,
but will order the female-type, then sort out strapping them
together - perhaps a serial or parallel computer-type connector
shell may work ...

Thanks again,

David

>> That can't be the right answer ... my junk box doesn't have any
>> inline female banana connectors! ;-)
>>
>> I suppose I need a couple of these?
>> http://www.electronicplus.com/images/products/9210-RED.jpg
>>
>> Thanks!
>>
>> David
>>
>>
>>> Standard banana jacks and plugs- either glue, tape or epoxy the
>>> females together- I used Rescue Tape on mine.
>>>
>>> 73 Bill N4BKT
>>>
>>>
>>>
>>> On Sat, Feb 23, 2013 at 6:45 PM, qrv@... qrv@...>
>>> wrote:
>>>
>>>> **
>>
>>>>
>>>>
>>>> What are the dimensions/what is the connector type for the
>>>> banana plug-type power connector on the rear of the 210x,
>>>> please?
>>>>
>>>> I need to either buy a DC cable or build one.
>>>>
>>>> Since I have plenty of wire, etc, to buy just the connector -
>>>> or correct connector pieces - would be fine.
>>>>
>>>> Thanks!

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1047. RE: [atlas_radio] Power connector for Atlas 210x?

Yahoo group: atlas_radio
Date: 2013-02-24 04:33:31 UTC
From: MIKE DURKIN
Topic: 1042 Message: 1047

i used cardboard .... i put the connectors on ... pushed the cardboard box on ... (was kinda small box) and carefully removed the box with the connectors still in place ... filled it with some epoxy. Let it set up some -- before it was hard but still stiff, put it back on carefully .... once it hardened, remove and fill the rest of the was up ...

and yes, i was scared it would leak.

would be much safer to use thick single sided PCB blank and use panel mount banana's ...

Mike KC7NOA

To: atlas_radio@yahoogroups.com
From: qrv@...
Date: Sat, 23 Feb 2013 18:45:58 -0500
Subject: [atlas_radio] Power connector for Atlas 210x?

What are the dimensions/what is the connector type

for the banana plug-type power connector on the

rear of the 210x, please?

I need to either buy a DC cable or build one.

Since I have plenty of wire, etc, to buy just the

connector - or correct connector pieces - would be

fine.

Thanks!

--

Thanks! & 73, KD4E.com

David Colburn nevils-station.com

I don't google I SEARCH! duckduckgo.com

Network: groups.yahoo.com/group/qrv

Restored to design-spec at Heaven's gate 1Cor15:22

[Non-text portions of this message have been removed]

1048. Re: Power connector for Atlas 210x?

Yahoo group: atlas_radio
Date: 2013-02-24 19:39:21 UTC
From: EdwinB
Topic: 1042 Message: 1048

I just used panel-mount plug & jacks in a piece of double-sided PCB. The etch was cut away to isolate the plug, and the back side was "potted" in RTV after dressing the leads to the end of the PCB and securing them with a wire tie.

Regards,
Ed

--- In atlas_radio@yahoogroups.com, "qrv@..." <qrv@...> wrote:
>
> What are the dimensions/what is the connector type
> for the banana plug-type power connector on the
> rear of the 210x, please?
>
> I need to either buy a DC cable or build one.
>
> Since I have plenty of wire, etc, to buy just the
> connector - or correct connector pieces - would be
> fine.
>
> Thanks!
>
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
>

1049. Happy birthday?

Yahoo group: atlas_radio
Date: 2013-02-25 19:45:19 UTC
From: atlasstuff
Topic: 1049 Message: 1049

Could 2013 be the 40th anniversary of Atlas? I seem to recall reading that the 180 made it's debut in 1973.

Either way, it's a good excuse to dig out one of Herb's products, or more if you are lucky, and give it some exercise.

Don't know whether there are any ex-factory employees on the line here, but it would be great to read a few tales from those days when radios had more Watts than knobs and buttons!

Regards,

Mark.

1050. Re: [atlas_radio] Happy birthday?

Yahoo group: atlas_radio
Date: 2013-02-26 00:25:12 UTC
From: JACK BREWER
Topic: 1049 Message: 1050

Don't know for sure when the Atlas mad its debut but I bought my first Swan new in 74. It was a 750CW and I still have it and use it often. I have almost all of Herb Johnson's rigs, Swan, Atlas , Cubic and I enjoy pulling them off the shelf and taking turns with them. I wish that I knew more about the dates and history behind them. I enjoy taking turns with them almost weekly. Some ex employee should write a book about Herb and his company. Jack WA3VZK

From: atlasstuff <g4fph@...>
To: atlas_radio@yahoogroups.com
Sent: Monday, February 25, 2013 2:45 PM
Subject: [atlas_radio] Happy birthday?

Could 2013 be the 40th anniversary of Atlas? I seem to recall reading that the 180 made it's debut in 1973.

Either way, it's a good excuse to dig out one of Herb's products, or more if you are lucky, and give it some exercise.

Don't know whether there are any ex-factory employees on the line here, but it would be great to read a few tales from those days when radios had more Watts than knobs and buttons!

Regards,

Mark.

[Non-text portions of this message have been removed]

1051. Need little help with 210X

Yahoo group: atlas_radio
Date: 2013-02-26 15:41:50 UTC
From: abrigno1
Topic: 1051 Message: 1051

I am new to group and our club just inherited an Atlas 210X and a Swann 700CX. Both are in excellent cosmeting condition but have been sitting for many years. The Swann works pretty good but the Atlas has some issues.

The 210X was donated to our club from an estate and it needs a little work. I have original manual and 206 VFO and base console.

Currently working on 210X unit out of console on bench with 13.6 volt power going to both terminals on back. Unit puts out 100 watts on CW but audio is dead on RX. Also no meter reading.

Changed out both audio ships [socket-ed both] and checked audio path in and out of the CA3086. Checked path through volume control from 3086 to LM380N and it looks good. Dummied up PC 300 card on bench and it appears to work fine.

Can put outboard amp on Pin 20 PC 300 and get good audio. No audio out of Pin 22 to volume control. Checked volume control and it appears fine. Something is holding audio out when it is in radio.

Switch voltages look strange with RF probe with over 1.1 volt on pins 4 & 10 and 0.45 on pins 6 & 8 of the PC300 card in RX mode.

Continuing to check out feeds to PC300. OEM manual shows all voltages on receive should be about 0.5 or so.

Any ideas or thoughts would be greatly appreciated.

I am impressed with 210X. It seems to receive great on long wire test antenna in my shop. Not sure what club is going to do with it at this time as they have some much newer Kenwood equipment.

1052. RE: [atlas_radio] Need little help with 210X

Yahoo group: atlas_radio
Date: 2013-02-26 16:04:58 UTC
From: MIKE DURKIN
Topic: 1051 Message: 1052

are the two little jumpers in the back of the radio still there? in -- i think is an octal plug , top right hand side -- if i remember right .. their even marked where its saposed to go ..

Mike KC7NOA

To: atlas_radio@yahoogroups.com
From: abrigno@...
Date: Tue, 26 Feb 2013 15:41:50 +0000
Subject: [atlas_radio] Need little help with 210X

I am new to group and our club just inherited an Atlas 210X and a Swann 700CX. Both are in excellent cosmeting condition but have been sitting for many years. The Swann works pretty good but the Atlas has some issues.

The 210X was donated to our club from an estate and it needs a little work. I have original manual and 206 VFO and base console.

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Can put outboard amp on Pin 20 PC 300 and get good audio. No audio out of Pin 22 to volume control. Checked volume control and it appears fine. Something is holding audio out when it is in radio.

Switch voltages look strange with RF probe with over 1.1 volt on pins 4 & 10 and 0.45 on pins 6 & 8 of the PC300 card in RX mode.

Continuing to check out feeds to PC300. OEM manual shows all voltages on receive should be about 0.5 or so.

Any ideas or thoughts would be greatly appreciated.

I am impressed with 210X. It seems to receive great on long wire test antenna in my shop. Not sure what club is going to do with it at this time as they have some much newer Kenwood equipment.

[Non-text portions of this message have been removed]

1053. Re: [atlas_radio] Happy birthday?

Yahoo group: atlas_radio
Date: 2013-02-26 17:01:35 UTC
From: JOHN B. KRUK
Topic: 1049 Message: 1053

I saw that ATLAS was founded in 1974.

John, K3KR

----- Original Message -----
From: JACK BREWER
To: atlas_radio@yahoogroups.com
Sent: Monday, February 25, 2013 19:25
Subject: Re: [atlas_radio] Happy birthday?

Don't know for sure when the Atlas mad its debut but I bought my first Swan new in 74. It was a 750CW and I still have it and use it often. I have almost all of Herb Johnson's rigs, Swan, Atlas , Cubic and I enjoy pulling them off the shelf and taking turns with them. I wish that I knew more about the dates and history behind them. I enjoy taking turns with them almost weekly. Some ex employee should write a book about Herb and his company. Jack WA3VZK

_____
From: atlasstuff g4fph@...>
To: atlas_radio@yahoogroups.com
Sent: Monday, February 25, 2013 2:45 PM
Subject: [atlas_radio] Happy birthday?

Could 2013 be the 40th anniversary of Atlas? I seem to recall reading that the 180 made it's debut in 1973.

Either way, it's a good excuse to dig out one of Herb's products, or more if you are lucky, and give it some exercise.

Don't know whether there are any ex-factory employees on the line here, but it would be great to read a few tales from those days when radios had more Watts than knobs and buttons!

Regards,

Mark.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1054. Re: Need little help with 210X

Yahoo group: atlas_radio
Date: 2013-02-27 12:28:56 UTC
From: abrigno1
Topic: 1051 Message: 1054

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
> are the two little jumpers in the back of the radio still there? in -- i think is an octal plug , top right hand side -- if i remember right .. their even marked where its saposed to go ..
>
> Mike KC7NOA
>
> To: atlas_radio@yahoogroups.com
> From: abrigno@...
> Date: Tue, 26 Feb 2013 15:41:50 +0000
> Subject: [atlas_radio] Need little help with 210X
>
>
> Thanks for comment. Checked plug and jumpers were in place. Just to be thorough and not miss anything I checked continuity to make sure plug was OK and it was.

I am still trouble shooting. Switch voltages appear to be off and trying to figure out if this is holding audio and meter off.

Tis thinkg has stumped me so far but still going.
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>
> I am new to group and our club just inherited an Atlas 210X and a Swann 700CX. Both are

in excellent cosmeting condition but have been sitting for many years. The Swann works pretty good but the Atlas has some issues.
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>
> The 210X was donated to our club from an estate and it needs a little work. I have original manual and 206 VFO and base console.
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>
> Currently working on 210X unit out of console on bench with 13.6 volt power going to both terminals on back. Unit puts out 100 watts on CW but audio is dead on RX. Also no meter reading.
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>
> Changed out both audio ships [socket-ed both] and checked audio path in and out of the CA3086. Checked path through volume control from 3086 to LM380N and it looks good. Dummied up PC 300 card on bench and it appears to work fine.
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>
> Can put outboard amp on Pin 20 PC 300 and get good audio. No audio out of Pin 22 to volume control. Checked volume control and it appears fine. Something is holding audio out when it is in radio.
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>
> Switch voltages look strange with RF probe with over 1.1 volt on pins 4 & 10 and 0.45 on pins 6 & 8 of the PC300 card in RX mode.
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>
> Continuing to check out feeds to PC300. OEM manual shows all voltages on receive should be about 0.5 or so.
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> Any ideas or thoughts would be greatly appreciated.
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> I am impressed with 210X. It seems to receive great on long wire test antenna in my shop. Not sure what club is going to do with it at this time as they have some much newer Kenwood equipment.
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> [Non-text portions of this message have been removed]
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1055. Re: [atlas_radio] Happy birthday?

Yahoo group: atlas_radio
Date: 2013-02-27 14:07:18 UTC
From: JOHN B. KRUK
Topic: 1049 Message: 1055

As near as I can determine, the first advertisement for ATLAS was in the DEC 1974 issue of QST.

John, K3KR

[Non-text portions of this message have been removed]

1056. Atlas 210X Service

Yahoo group: atlas_radio
Date: 2013-03-01 12:43:32 UTC
From: abrigno1
Topic: 1056 Message: 1056

This thing has stumped me and I am running out of time to work on it. Can anyone recommend someone who services the Atlas 210X and is familiar with them?

Radio Tx fine at 100+Watt on CW and receives fine using outboard amp to pick up audo from Pin 20 of PC300 board. No audio throught CA3086 or 380N chips. There is also no S meter reading.

1057. Re: [atlas_radio] Atlas 210X Service

Yahoo group: atlas_radio
Date: 2013-03-01 14:11:29 UTC
From: GeorgeHamner@...
Topic: 1056 Message: 1057

I'm a real beginner, but have you checked the T/R relay?

WG4AM George

-----Original Message-----
From: abrigno1 <abrigno@...>
To: atlas_radio <atlas_radio@yahoogroups.com>
Sent: Fri, Mar 1, 2013 6:43 am
Subject: [atlas_radio] Atlas 210X Service

This thing has stumped me and I am running out of time to work on it. Can anyone recommend someone who services the Atlas 210X and is familiar with them?

Radio Tx fine at 100+Watt on CW and receives fine using outboard amp to pick up audo from Pin 20 of PC300 board. No audio throught CA3086 or 380N chips. There is also no S meter reading.

[Non-text portions of this message have been removed]

1058. RE: [atlas_radio] Atlas 210X Service

Yahoo group: atlas_radio
Date: 2013-03-01 14:37:04 UTC
From: MIKE DURKIN
Topic: 1056 Message: 1058

Im not sure what you mean by running out of time ....
Where you located?

Im fairly familiar with them .... Iv fixed 4 so far and still have 1 to look at as well as 2 350XL's (which are the only ones to stump me)

Mike KC7NOA
To: atlas_radio@yahoogroups.com
From: abrigno@...
Date: Fri, 1 Mar 2013 12:43:32 +0000
Subject: [atlas_radio] Atlas 210X Service

This thing has stumped me and I am running out of time to work on it. Can anyone recommend someone who services the Atlas 210X and is familiar with them?

Radio Tx fine at 100+Watt on CW and receives fine using outboard amp to pick up audo from Pin 20 of PC300 board. No audio throught CA3086 or 380N chips. There is also no S meter reading.

[Non-text portions of this message have been removed]

1059. Re: [atlas_radio] Atlas 210X Service

Yahoo group: atlas_radio
Date: 2013-03-01 13:47:54 UTC
From: Giuli Lanto
Topic: 1056 Message: 1059

Not enough infos for a precise diagnosis, ...

it sounds like lack of power supply somewhere..

check pin 3 (+V) of PC 300.
probe the voltages across PC 300..

check T line across RL101. Often the relay needs cleaning.. and cards connection..

vr

From: abrigno1 <abrigno@...>
To: atlas_radio@yahoogroups.com
Sent: Friday, March 1, 2013 1:43 PM
Subject: [atlas_radio] Atlas 210X Service

This thing has stumped me and I am running out of time to work on it. Can anyone recommend someone who services the Atlas 210X and is familiar with them?

Radio Tx fine at 100+Watt on CW and receives fine using outboard amp to pick up audo from Pin 20 of PC300 board. No audio throught CA3086 or 380N chips. There is also no S meter reading.

[Non-text portions of this message have been removed]

1060. Re: Atlas 210X Service

Yahoo group: atlas_radio
Date: 2013-03-01 16:56:07 UTC
From: abrigno1
Topic: 1056 Message: 1060

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
> Im not sure what you mean by running out of time ....
> Where you located?
>
> Im fairly familiar with them .... Iv fixed 4 so far and still have 1 to look at as well as 2 350XL's (which are the only ones to stump me)
>
> Mike KC7NOA
> To: atlas_radio@yahoogroups.com
> From: abrigno@...
> Date: Fri, 1 Mar 2013 12:43:32 +0000
> Subject: [atlas_radio] Atlas 210X Service
>
Vice President of Homeowners Association
Secretary of Ham Club
Chairman of Memphis FreeFest April 13
Consulting on Chemical Plant in Cairo.

Not a lot of extra time here.

Timeline on radio not critical but may need to get help as my time is tight.
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1061. RE: [atlas_radio] Re: Atlas 210X Service

Yahoo group: atlas_radio
Date: 2013-03-01 17:03:12 UTC
From: MIKE DURKIN
Topic: 1056 Message: 1061

anything on pin's 15 & 22?

Mike KC7NOA

To: atlas_radio@yahoogroups.com
From: abrigno@...
Date: Fri, 1 Mar 2013 16:56:07 +0000
Subject: [atlas_radio] Re: Atlas 210X Service

--- In atlas_radio@yahoogroups.com, MIKE DURKIN wrote:

>

> Im not sure what you mean by running out of time ....

> Where you located?

>

> Im fairly familiar with them .... Iv fixed 4 so far and still have 1 to look at as well as 2 350XL's (which are the only ones to stump me)

>

> Mike KC7NOA

> To: atlas_radio@yahoogroups.com

> From: abrigno@...

> Date: Fri, 1 Mar 2013 12:43:32 +0000

> Subject: [atlas_radio] Atlas 210X Service

>

Vice President of Homeowners Association

Secretary of Ham Club

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Consulting on Chemical Plant in Cairo.

Not a lot of extra time here.

Timeline on radio not critical but may need to get help as my time is tight.

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> Radio Tx fine at 100+Watt on CW and receives fine using outboard amp to pick up audo from Pin 20 of PC300 board. No audio throught CA3086 or 380N chips. There is also no S meter reading.

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1062. Re: Atlas 210X Service

Yahoo group: atlas_radio
Date: 2013-03-01 17:03:28 UTC
From: abrigno1
Topic: 1056 Message: 1062

Good ideas!! Thanks for suggestions. Haven't tried flexing relay but will do it. Using switch on front to key radio in CW mode.

Voltage on pin 3 PC300C card is ground -- agrees with manual.

T line voltage is correct and switching with switch on front. Transmit key line pin 13 also switches voltage with TX and RX. B+ voltages look good and radio puts out 100+ on CW with front CW switch.

Pin 19 voltage is around 8.3V

Only voltages that are strange on RX are Pin 4 and Pin 10 They both read over 1.0+ RF volts vs. about 0.55 or so per manual.

I originally thought audio chips were bad and changed them and put new ones in sockets. No effect voltages same.

--- In atlas_radio@yahoogroups.com, Giuli Lanto <la_uto@...> wrote:
>
> Not enough infos for a precise diagnosis, ...
>
> it sounds like lack of power supply somewhere..
>
> checkÂ pin 3 (+V) of PC 300.
> probe the voltages across PC 300..
>
> check T line across RL101. Often the relay needs cleaning.. and cards connection..
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> _____
> From: abrigno1 <abrigno@...>
> To: atlas_radio@...m
> Sent: Friday, March 1, 2013 1:43 PM
> Subject: [atlas_radio] Atlas 210X Service
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> Â
> This thing has stumped me and I am running out of time to work on it. Can anyone recommend someone who services the Atlas 210X and is familiar with them?
>
> Radio Tx fine at 100+Watt on CW and receives fine using outboard amp to pick up audo from Pin 20 of PC300 board. No audio throught CA3086 or 380N chips. There is also no S meter reading.

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> [Non-text portions of this message have been removed]
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1063. Re: Atlas 210X Service

Yahoo group: atlas_radio
Date: 2013-03-01 17:11:09 UTC
From: abrigno1
Topic: 1056 Message: 1063

Mike, thanks for reply.

22 and 15 dead as a hammer. Get good audio from pin 20 using outboard amp. Radio sensitivity is very good. Checked Vol line through control and found about 7.6K ohms vs manual value of 10K.

Checked audio path from pin 15 to speaker and it works fine.

Take PC300C card out on bench and dummy voltages and it appears to work. Not sure if something in switch is holding it out.

Diodes on PC300 check Ok.

Not getting any S meter so signal is not getting to AGC amp. Not sure what is going on there. Plan to dummy up AGC on bench and see how output varies etc.

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
> anything on pin's 15 & 22?
>
> Mike KC7NOA
>
> To: atlas_radio@yahoogroups.com
> From: abrigno@...
> Date: Fri, 1 Mar 2013 16:56:07 +0000
> Subject: [atlas_radio] Re: Atlas 210X Service
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> --- In atlas_radio@yahoogroups.com, MIKE DURKIN wrote:
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> > Im not sure what you mean by running out of time ....
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> > Where you located?
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> > Im fairly familiar with them .... Iv fixed 4 so far and still have 1 to look at as well as 2 350XL's (which are the only ones to stump me)
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> > Mike KC7NOA
>
> > To: atlas_radio@yahoogroups.com
>
> > From: abrigno@
>
> > Date: Fri, 1 Mar 2013 12:43:32 +0000
>
> > Subject: [atlas_radio] Atlas 210X Service
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> >
>
> Vice President of Homeowners Association
>
> Secretary of Ham Club
>
> Chairman of Memphis FreeFest April 13
>
> Consulting on Chemical Plant in Cairo.
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> Not a lot of extra time here.
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> Timeline on radio not critical but may need to get help as my time is tight.
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1064. RE: [atlas_radio] Re: Atlas 210X Service

Yahoo group: atlas_radio
Date: 2013-03-01 17:24:34 UTC
From: MIKE DURKIN
Topic: 1056 Message: 1064

replaced CA3085 yet?

test top of (+ side) of C305(??my pdf is fuzzy) -- pin 1,5 of Q301A

T-Line voltage make it to the CA3085 ?? through that 1k ?-- i think you said yes ...

Im going to go get my original print ..... its cold still but not too cold .... least if had my first cup of Joe' already.

if dead there ... well id guess CA3085 poped ..

To: atlas_radio@yahoogroups.com
From: abrigno@...
Date: Fri, 1 Mar 2013 17:11:09 +0000
Subject: [atlas_radio] Re: Atlas 210X Service

Mike, thanks for reply.

22 and 15 dead as a hammer. Get good audio from pin 20 using outboard amp. Radio sensitivity is very good. Checked Vol line through control and found about 7.6K ohms vs manual value of 10K.

Checked audio path from pin 15 to speaker and it works fine.

Take PC300C card out on bench and dummy voltages and it appears to work. Not sure if something in switch is holding it out.

Diodes on PC300 check Ok.

Not getting any S meter so signal is not getting to AGC amp. Not sure what is going on there. Plan to dummy up AGC on bench and see how output varies etc.

--- In atlas_radio@yahoogroups.com, MIKE DURKIN wrote:

>

> anything on pin's 15 & 22?

>

> Mike KC7NOA

>

> To: atlas_radio@yahoogroups.com

> From: abrigno@...

> Date: Fri, 1 Mar 2013 16:56:07 +0000

> Subject: [atlas_radio] Re: Atlas 210X Service

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> > Mike KC7NOA

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> > To: atlas_radio@yahoogroups.com

>

> > From: abrigno@

>

> > Date: Fri, 1 Mar 2013 12:43:32 +0000

>

> > Subject: [atlas_radio] Atlas 210X Service

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> Vice President of Homeowners Association

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1065. RE: [atlas_radio] Re: Atlas 210X Service

Yahoo group: atlas_radio
Date: 2013-03-01 17:32:10 UTC
From: MIKE DURKIN
Topic: 1056 Message: 1065

you say "Take PC300C card out on bench and dummy voltages and it appears to work. Not sure if something in switch is holding it out. "

so if you apply a audio signal to pin 20 you get audio from pin 22? -- setting on the bench?

To: atlas_radio@yahoogroups.com
From: abrigno@...
Date: Fri, 1 Mar 2013 17:11:09 +0000
Subject: [atlas_radio] Re: Atlas 210X Service

Mike, thanks for reply.

22 and 15 dead as a hammer. Get good audio from pin 20 using outboard amp. Radio sensitivity is very good. Checked Vol line through control and found about 7.6K ohms vs manual value of 10K.

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--- In atlas_radio@yahoogroups.com, MIKE DURKIN wrote:

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>

> Mike KC7NOA

>

> To: atlas_radio@yahoogroups.com

> From: abrigno@...

> Date: Fri, 1 Mar 2013 16:56:07 +0000

> Subject: [atlas_radio] Re: Atlas 210X Service

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> > Date: Fri, 1 Mar 2013 12:43:32 +0000

>

> > Subject: [atlas_radio] Atlas 210X Service

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[Non-text portions of this message have been removed]

1066. RE: [atlas_radio] Re: Atlas 210X Service

Yahoo group: atlas_radio
Date: 2013-03-01 17:37:10 UTC
From: MIKE DURKIN
Topic: 1056 Message: 1066

and .. just wondering .. is there a pot on the top edge of the PCB ....?? its not in most schematics ... about the middle along the top edge?

To: atlas_radio@yahoogroups.com
From: abrigno@...
Date: Fri, 1 Mar 2013 17:11:09 +0000
Subject: [atlas_radio] Re: Atlas 210X Service

Mike, thanks for reply.

22 and 15 dead as a hammer. Get good audio from pin 20 using outboard amp. Radio sensitivity is very good. Checked Vol line through control and found about 7.6K ohms vs manual value of 10K.

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Not getting any S meter so signal is not getting to AGC amp. Not sure what is going on there. Plan to dummy up AGC on bench and see how output varies etc.

--- In atlas_radio@...m, MIKE DURKIN wrote:

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> anything on pin's 15 & 22?

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> Mike KC7NOA

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> To: atlas_radio@yahoogroups.com

> From: abrigno@...

> Date: Fri, 1 Mar 2013 16:56:07 +0000

> Subject: [atlas_radio] Re: Atlas 210X Service

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> Consulting on Chemical Plant in Cairo.

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> Not a lot of extra time here.

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> Timeline on radio not critical but may need to get help as my time is tight.

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> > This thing has stumped me and I am running out of time to work on it. Can anyone recommend someone who services the Atlas 210X and is familiar with them?

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> > Radio Tx fine at 100+Watt on CW and receives fine using outboard amp to pick up audo from Pin 20 of PC300 board. No audio throught CA3086 or 380N chips. There is also no S meter reading.

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> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1067. Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-03-01 19:45:57 UTC
From: Mike Williamson
Topic: 1026 Message: 1067

David,

The console was designed in the days when the wall voltage was 110 VAC. Mine is 125+ VAC currently. Therefore, the power supply in the console doesn't know any better than to pass along the higher voltage. I would not use the power supply to power the 210XLE as it is. My console power supply puts out 17.6 V. D.C. unloaded and so does a friends.

Alot of the manufacturer's did the same back in the day. The RX is regulated at about 13.6 V.D.C. I have seen that on two consoles made a couple of years apart.

My XLE has a replaced driver transistor, which will NOT tolerate 17.6 V.D.C. The P.A. transistors are new MRF454s from R. F. Parts. They are slightly more expensive than the SD1405 and a better transistor.

I only use my console for receive with the 210XLE. I disabled the TX HI AMPS to the back of the radio as it only powers the high power parts of the radio.

I have not tried to fix the problem as of yet. People use variacs to drop down the AC input to the console. Many Collins guys do that as well. I tried the rig in the console and the audio report was really, really bad.

A couple of ideas if you want to use the console. Build an outboard voltage regulator for the HI AMPS or if you can find them, outboard some power diodes in series to drop the unloaded voltage down to a more reasonable value. You have to pick them correctly so the loaded voltage is above 12.5 or so. The radio will work just fine on 13.8 V.D.C. or you can battery power it and get a good 60 W PEP at 12.5 V.D.C.

I power all of my radios from my Atlas 350XL supply. That includes the 210XLE, the 400X and the ALDA 105 as well as the 350XL. Each radio has its own harness and then a fuse section common to all radios.

My 400X console (circa Atlas 1994) puts out 18+ V.D.C. unloaded. I tried the radio in it and its just awful on TX. So I also disabled the HI AMPS in the 400X console.

My 210 XLE will put out around 125 W PEP. The rated 150 W PEP is MAXing out on the two P.A. transistors,
and results in oscillation. So the 125 W is just fine. When it gets that far I would also suggest the negative feedback kits from R.F. Parts for the 210XLE P.A. The previous owner put them in the 210XLE before he sold it to me and somebody put them in the Alda 105 before I got it. Somewhat different values, but works just fine. The P.A. in the ALDA 105 is stable and so is the XLE unless you really push it to full power.

That is alot to digest. For the rest of the group: I have found one of the sons of the guy who manufactured the ALDA 103 and 105s. I hope to talk to him tonight and find out some things if he knows. I will pass along to the group.

73,
Mike

KA5DVR

From: "qrv@..." <qrv@...>
To: atlas_radio@yahoogroups.com
Sent: Wednesday, February 13, 2013 11:20 AM
Subject: Re: [atlas_radio] Troubleshooting Atlas 210x Limited Edition

Jim,

I get the CB-mentality that every extra watt is an ego-boost
and that there is an imaginary improvement for any step-up in power.

I also used to listen to the HF activities on 75/80m and do
have some awareness of propagation vagaries - and have observed that
those whose signals (as received) improve did one of a few things:

1. Better antennas for the purpose.
2. Better audio-chain for full modulation & clean audio.
3. 100w to 600w power increase.
4. 600w to 1200w power increase.

I have not observed anything else that the transmitting
station does that makes a meaningful difference at the receiving end.

Thanks!

David

> It's a CBer thing.
>
> You might not understand.
>
> However, the MIC GAIN control lets you turn down the PA output if you
> wish. In practice, when somebody can hear you at 100W out, they can
> hear you at 5W out, too. ANd if you look in the rules, you'll see a
> phrase to the effect that you use only enough power to reliably
> establish _and maintain_ communications.
>
> So when you get "S9+30" it's time to back it off a little.
>
> You might check into the 3905 Century Club nets for a while to see
> the vagaries of propagation in actual practice. It'll surprise you.
>
> 73

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

[Non-text portions of this message have been removed]

1068. Help with Atlas 210X

Yahoo group: atlas_radio
Date: 2013-03-02 13:04:42 UTC
From: abrigno1
Topic: 1068 Message: 1068

Atlas is now working. Needs touch up as frequency is off just a bit and adjust knob can't pull it in.

Many thanks to all who offered comments and suggestions. Taking time out to help was really appreciated.

Found 2 very bad electrolytics.

Looking at voltage readings late Friday Afternoon with radio playing on bench via external amp. Noticed that speaker was pulsing when turning 210X on and off. Voltage showed very near nothing on AC reading specified in manual. Checked DC voltage and it was high. Noted that audio is capacitor coupled to speaker with 250 mf cap. DC should not have been there. Checked 250 mf cap and it was bad. Replaced with new one. This cleared up problem in LM380N audio amp. Moved to CA3086 and started checking electrolytics on PC300C and found 75 mf filtering the DC feed to 3086 was also very bad. Replaced it and 210x jumped to life. Both caps were good brands and looked very good visually.

What is odd is when I dummied the PC300C card up on the bench it appeared to work. I am still looking at this to learn what was going on.

Unit working well short of fine tuning it. Sensitivity and selectivity are great considering age.

I had a French exchange student staying with us years ago and my mother used the expression "if it was a snake it would have bitten me". The student went nuts over the expression and we spent several hours dissecting it and explaining it to him. I now think I have fang marks on my butt.

Thanks for all the help guys. I am considering buying the radio from the club.

1069. RE: [atlas_radio] Help with Atlas 210X

Yahoo group: atlas_radio
Date: 2013-03-02 15:24:05 UTC
From: MIKE DURKIN
Topic: 1068 Message: 1069

yea .... i should of mentioned that large white cap as
--- well always replace ...

and the 47uF & 2.2uF bulb like tantalum caps too that are part of the ALC circuit on PC300 .... to 10uF & 1uf respectfully ....

Mike KC7NOA

To: atlas_radio@yahoogroups.com
From: abrigno@...
Date: Sat, 2 Mar 2013 13:04:42 +0000
Subject: [atlas_radio] Help with Atlas 210X

Atlas is now working. Needs touch up as frequency is off just a bit and adjust knob can't pull it in.

Many thanks to all who offered comments and suggestions. Taking time out to help was really appreciated.

Found 2 very bad electrolytics.

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Thanks for all the help guys. I am considering buying the radio from the club.

[Non-text portions of this message have been removed]

1070. Re: Troubleshooting Atlas 210x Limited Edition

Yahoo group: atlas_radio
Date: 2013-03-02 17:40:21 UTC
From: EdwinB
Topic: 1026 Message: 1070

It should not be too hard to wire a 12V filament transformer in a bucking configuration to drop the voltage to 112V. There might even be room to put it inside the console.

When my brother got his ticket, I gave him a 210XLE and my console. I don't think he's used it more than a dozen times in the past 10 years.

Regards,
Ed

--- In atlas_radio@yahoogroups.com, Mike Williamson <ka5dvr@...> wrote:
>
> David,
> Â
> The console was designed in the days when the wall voltage was 110 VAC.Â Mine is 125+ VAC currently.Â Therefore, the power supply in the console doesn't know any better than to pass along the higher voltage.Â I would not use the power supply to power the 210XLE as it is.Â My console power supply puts out 17.6 V. D.C. unloaded and so does a friends.
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> Alot of the manufacturer's did the same back in the day.Â The RX is regulated at about 13.6 V.D.C.Â I have seen that on two consoles made a couple of years apart.
> Â
> My XLE has a replaced driver transistor, which will NOT tolerate 17.6 V.D.C.Â The P.A. transistors are new MRF454s from R. F. Parts.Â They are slightly more expensive than theÂ SD1405 and a better transistor.
> Â
> IÂ only use my console for receive with the 210XLE.Â I disabled the TX HI AMPS to the back of the radio as it only powers the high power parts of the radio.Â
> Â
> I have not tried to fix the problem as of yet.Â People use variacs to drop down the AC input to the console.Â Many Collins guys do that as well.Â I tried the rig in the console and the audio report was really, really bad.Â
> Â
> A couple of ideas if you want to use the console.Â Build an outboard voltage regulator for the HI AMPS or if you can find them, outboard some power diodes in seriesÂ to drop the unloaded voltage down to a more reasonable value.Â You have to pick them correctly so the loaded voltage is above 12.5 or so. The radio will work just fine on 13.8 V.D.C. or you can battery power it and get a good 60 W PEP at 12.5 V.D.C.
> Â
> I power all of my radios from my Atlas 350XL supply.Â That includes the 210XLE, the 400X and the ALDA 105 as well as the 350XL.Â Each radio has its own harness and then a fuse section common to all radios.
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> My 400X console (circa Atlas 1994) puts out 18+ V.D.C. unloaded.Â I tried the radio in it and its just awful on TX. So I also disabled the HI AMPS in the 400X console.
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> My 210 XLE will put out around 125 W PEP.Â The rated 150 W PEP is MAXing out Â on the

two P.A. transistors,
> and results in oscillation.Â So the 125 W is just fine.Â When it gets that far I would also suggest the negative feedback kits from R.F. Parts for the 210XLE P.A.Â The previous owner put them in the 210XLE before he sold it to me and somebody put them in the Alda 105 before I got it.Â Somewhat different values, but works just fine. The P.A. in the ALDA 105 is stable and so is the XLE unless you really push it to full power.
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> That is alot to digest.Â Â Â For the rest of the group:Â I have found one of the sons of the guy who manufactured the ALDA 103 and 105s.Â I hope to talk to him tonight and find out some things if he knows.Â I will pass along to the group.
> Â
> 73,
> Mike
> KA5DVR
> Â

1071. Atlas 210x-LE PC-300C vs PC-300D?

Yahoo group: atlas_radio
Date: 2013-03-02 19:33:45 UTC
From: qrv@kd4e.com
Topic: 1026 Message: 1071

Anyone have good close-up pics of the PC-300D version of
that board?

I am still trying to figure out what are factory mods for
the Limited Edition models and what are post-factory mods

Pics of the other boards, PA, etc. would also be helpful -
for the same purpose.

Meanwhile, I am acquiring a rebuilt-to-stock-specs PC-300C
to eliminate that board from consideration as the source
of my TX troubles ...

--

Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1072. Re: Help with Atlas 210X

Yahoo group: atlas_radio
Date: 2013-03-02 20:27:25 UTC
From: abrigno1
Topic: 1068 Message: 1072

Mike, thanks for help and suggestions. You got me thinking.

All it needs now is a little fine tuning to get freq tracking back. Radio is remarkably sensitive and selective for it's age. I have become attached to it.

--- In atlas_radio@yahoogroups.com, MIKE DURKIN <Patriot121@...> wrote:
>
> yea .... i should of mentioned that large white cap as
> --- well always replace ...
>
> and the 47uF & 2.2uF bulb like tantalum caps too that are part of the ALC circuit on PC300 .... to 10uF & 1uf respectfully ....
>
> Mike KC7NOA
>
> To: atlas_radio@yahoogroups.com
> From: abrigno@...
> Date: Sat, 2 Mar 2013 13:04:42 +0000
> Subject: [atlas_radio] Help with Atlas 210X
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> Atlas is now working. Needs touch up as frequency is off just a bit and adjust knob can't pull it in.
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> Many thanks to all who offered comments and suggestions. Taking time out to help was really appreciated.
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> Found 2 very bad electrolytics.
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> Looking at voltage readings late Friday Afternoon with radio playing on bench via external amp. Noticed that speaker was pulsing when turning 210X on and off. Voltage showed very near nothing on AC reading specified in manual. Checked DC voltage and it was high. Noted that audio is capacitor coupled to speaker with 250 mf cap. DC should not have been there. Checked 250 mf cap and it was bad. Replaced with new one. This cleared up problem in LM380N audio amp. Moved to CA3086 and started checking electrolytics on PC300C and found 75 mf filtering the DC feed to 3086 was also very bad. Replaced it and 210x jumped to life. Both caps were good brands and looked very good visually.
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> What is odd is when I dummied the PC300C card up on the bench it appeared to work. I am still looking at this to learn what was going on.
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> Unit working well short of fine tuning it. Sensitivity and selectivity are great considering age.
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> Thanks for all the help guys. I am considering buying the radio from the club.
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1073. RE: [atlas_radio] Re: Help with Atlas 210X

Yahoo group: atlas_radio
Date: 2013-03-02 21:19:05 UTC
From: MIKE DURKIN
Topic: 1068 Message: 1073

do you mean the freq tracking from bottom of the band to the top ??

thats normal to be off .... you use the calibrator get get the nearest major hash on freq ... then go to the freq your after ...

If you wanted to get it to track right, you would need to manufacture your own string guide that's attached to the VFO capacitor ... change in the diameter changes the tuning rate ... too much of a hassle as far as I'm concerned ... or make your own dial indicator .... but then again --- hassle .... (BTY .. if you didint read by now or know -- the dial is damn brittle ---BE CAREFULL with it)

I usaly set the dial with the calibrator adjustment in the middle .... and set the vfo adjustment to on freq in the middle of the voice portion of that band ..... done.

To: atlas_radio@yahoogroups.com
From: abrigno@...
Date: Sat, 2 Mar 2013 20:27:25 +0000
Subject: [atlas_radio] Re: Help with Atlas 210X

Mike, thanks for help and suggestions. You got me thinking.

All it needs now is a little fine tuning to get freq tracking back. Radio is remarkably sensitive and selective for it's age. I have become attached to it.

--- In atlas_radio@yahoogroups.com, MIKE DURKIN wrote:

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> yea .... i should of mentioned that large white cap as

> --- well always replace ...

>

> and the 47uF & 2.2uF bulb like tantalum caps too that are part of the ALC circuit on PC300 .... to 10uF & 1uf respectfully ....

>

> Mike KC7NOA

>

> To: atlas_radio@yahoogroups.com

> From: abrigno@...

> Date: Sat, 2 Mar 2013 13:04:42 +0000

> Subject: [atlas_radio] Help with Atlas 210X

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> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

1074. swap.qth.com for sale atlas 350xl

Yahoo group: atlas_radio
Date: 2013-03-25 18:43:50 UTC
From: qrv@kd4e.com
Topic: 1074 Message: 1074

swap.qth.com

Don't know the seller or the rig - just sharing the posting ...

for sale atlas 350xl

The 350-xl is in average shape no rx or tx has audio rf and audio gain
controls working digital read out comes on.nice manual with all pages in
plastic covers.asking $150.00+shipping.

Listing #1055396 by W9NTO <http://www.qth.com/callsign.php?cs=W9NTO>
Submitted on 03/25/13
Submitted from nocwebrun004.cisp.com
<http://whatismyipaddress.com/ip/68.70.191.154>

http://swap.qth.com/view_ad.php?counter=1055396

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Thanks! & 73, KD4E.com
David Colburn nevils-station.com
I don't google I SEARCH! duckduckgo.com
Network: groups.yahoo.com/group/qrv
Restored to design-spec at Heaven's gate 1Cor15:22

1076. Re: swap.qth.com for sale atlas 350xl

Yahoo group: atlas_radio
Date: 2013-04-01 05:20:55 UTC
From: felix
Topic: 1074 Message: 1076

--- In atlas_radio@yahoogroups.com, "qrv@..." <qrv@...> wrote:
>
> swap.qth.com
>
> Don't know the seller or the rig - just sharing the posting ...
>
> *for sale atlas 350xl*
>
> The 350-xl is in average shape no rx or tx has audio rf and audio gain
> controls working digital read out comes on.nice manual with all pages in
> plastic covers.asking $150.00+shipping.
>
> Listing #1055396 by W9NTO <http://www.qth.com/callsign.php?cs=W9NTO>
> Submitted on 03/25/13
> Submitted from nocwebrun004.cisp.com
> <http://whatismyipaddress.com/ip/68.70.191.154>
>
>
> http://swap.qth.com/view_ad.php?counter=1055396
>
> --
>
> Thanks! & 73, KD4E.com
> David Colburn nevils-station.com
> I don't google I SEARCH! duckduckgo.com
> Network: groups.yahoo.com/group/qrv
> Restored to design-spec at Heaven's gate 1Cor15:22
>Hello: I was semi-interested in the 350xl. My radio fixit expertise is not all that developed as I am a recent ham. Not sure if it would be worth it. Here the reply I got back from the seller. KD0LMR
" Actions

david oneill (w9nto@...)
Add to contacts
3/31/13
[Keep this message at the top of your inbox]
To: Felix KD0LMR
Picture of david oneill

The final amp and driver not working,rx was working but quit."

1077. Atlas 180 and mobile mount

Yahoo group: atlas_radio
Date: 2013-04-02 00:31:44 UTC
From: w0szv
Topic: 1077 Message: 1077

Hello fellow members. I have a nice WORKING Atlas 180 with mobile mount and power cables for both. Would like to know what everyone thinks they are worth ?? They are excess to my needs but I don't want to overprice them or just give them away to someone trying to lowball their worth.
please reply by e-mail instead on on the reflector to keep replys down to a minimun and not clog up the reflector.
thanks
Eldon Scott
w0szv

1078. TX-110/RX-110 transceiver

Yahoo group: atlas_radio
Date: 2013-04-09 23:14:55 UTC
From: Charles
Topic: 1078 Message: 1078

I have one of these I'm working on and was wondering if anyone else may have some previous experience with troubleshooting a low output TX-110. My key down output ranges from around 2 watts on 80 to less than 1/4 watt on 10. I have the schematic that comes in the manual, but it doesn't give expected voltages like the Ten-Tec manuals do and I'm somewhat at a lost here. Any ideas or suggestions would be greatly appreciated.

1079. Re: [atlas_radio] TX-110/RX-110 transceiver

Yahoo group: atlas_radio
Date: 2013-04-09 23:32:43 UTC
From: William Laakkonen
Topic: 1078 Message: 1079

Not an expert here but is it TX-110 L or H model? The L is 15W max input and the H is 200W max input- need to look at the manual but that full input may not be possible with 13.8V supply- how are you measuring (mode, supply voltage, and instrument)?

73
Bill
N4BKT

On Tue, Apr 9, 2013 at 7:14 PM, Charles <we0r@...> wrote:

> **
>
>
> I have one of these I'm working on and was wondering if anyone else may
> have some previous experience with troubleshooting a low output TX-110. My
> key down output ranges from around 2 watts on 80 to less than 1/4 watt on
> 10. I have the schematic that comes in the manual, but it doesn't give
> expected voltages like the Ten-Tec manuals do and I'm somewhat at a lost
> here. Any ideas or suggestions would be greatly appreciated.
>
>
>

[Non-text portions of this message have been removed]

1080. Re: TX-110/RX-110 transceiver

Yahoo group: atlas_radio
Date: 2013-04-10 15:03:59 UTC
From: Charles
Topic: 1078 Message: 1080

Hi Bill,

Thanks for the note. I have the L model and am using the internal supply from the RX-110. Your comments got me back inside the rig this morning to check voltages when an amazing thing happened in the 10 meter position.....the output jumped from less than 1/4 watt up to 8 watts! I rechecked and it was back to 1/4 watt. Messing around with the volt meter, I guess I had moved the interconnect cable. Seems there is a bad connection between pins somewhere in there that I'll track down now where that is. My lowest output reading now is 7 watts on 40 meters when I hold the cable up in my hand, which seems to track with the 50% efficiency rating stated in the manual.

Thanks again, I think I'm back in business!

73,
Charlie, WEØR

--- In atlas_radio@yahoogroups.com, William Laakkonen <worldradiolabs@...> wrote:
>
> Not an expert here but is it TX-110 L or H model? The L is 15W max input
> and the H is 200W max input- need to look at the manual but that full input
> may not be possible with 13.8V supply- how are you measuring (mode, supply
> voltage, and instrument)?
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> 73
> Bill
> N4BKT
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> On Tue, Apr 9, 2013 at 7:14 PM, Charles <we0r@...> wrote:
>
> > **
> > >
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> [Non-text portions of this message have been removed]
>

1081. atlas 210

Yahoo group: atlas_radio
Date: 2013-04-21 14:03:02 UTC
From: billjhs1
Topic: 1081 Message: 1081

Hello to all....I am new to the group and just purchased an atlas 210 which I am going to "restore" and use in my vehicle...does anyone have the card which includes the noise blanker...mine, of course, doesn't have that card....
Thanks and 73
Bill
Wa2jhs

1082. Re: [atlas_radio] atlas 210

Yahoo group: atlas_radio
Date: 2013-04-21 14:22:28 UTC
From: William Laakkonen
Topic: 1081 Message: 1082

I don't have one but I must say if you need the NB for your engine noise- you will not enjoy this rig in the car- fix the car if you can, the stock NB makes the front end (on mine at least) as wide as a barn... would not be too hard to duplicate the board, as I recall common parts.

73
Bill
N4BKT

On Sun, Apr 21, 2013 at 10:03 AM, billjhs1 <billjhs@...> wrote:

> **
>
>
> Hello to all....I am new to the group and just purchased an atlas 210
> which I am going to "restore" and use in my vehicle...does anyone have the
> card which includes the noise blanker...mine, of course, doesn't have that
> card....
> Thanks and 73
> Bill
> Wa2jhs
>
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[Non-text portions of this message have been removed]

1083. Re: [atlas_radio] atlas 210

Yahoo group: atlas_radio
Date: 2013-04-21 14:39:05 UTC
From: Billy
Topic: 1081 Message: 1083

Bill...yes, I was thinking of replicating it myself and the only reason
I can't fix the noise is because it's a company vehicle...I plan on just
sitting the rig on the passenger seat...hi...
73
Bill
Wa2jhs

On 4/21/2013 10:22 AM, William Laakkonen wrote:
> I don't have one but I must say if you need the NB for your engine noise-
> you will not enjoy this rig in the car- fix the car if you can, the stock
> NB makes the front end (on mine at least) as wide as a barn... would not be
> too hard to duplicate the board, as I recall common parts.
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> 73
> Bill
> N4BKT
>
>
> On Sun, Apr 21, 2013 at 10:03 AM, billjhs1 <billjhs@...> wrote:
>
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>>
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>> Hello to all....I am new to the group and just purchased an atlas 210
>> which I am going to "restore" and use in my vehicle...does anyone have the
>> card which includes the noise blanker...mine, of course, doesn't have that
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>> Thanks and 73
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>> Wa2jhs
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> [Non-text portions of this message have been removed]
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> Yahoo! Groups Links
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1084. Re: [atlas_radio] atlas 210

Yahoo group: atlas_radio
Date: 2013-04-21 14:49:35 UTC
From: William Laakkonen
Topic: 1081 Message: 1084

Hey Bill,

I'd be looking for a DX70/77 or newer SR8 Alinco if you're on a budget. Their blankers are a bit more modern- and these are pretty cheap rigs with much better performance mobile. That 210X will need the cushion of the seat- all the plastics are old and brittle now- it may not last long in that environment- physically.

73
Bill
N4BKT

On Sun, Apr 21, 2013 at 10:39 AM, Billy <billjhs@...> wrote:

> **
>
>
> Bill...yes, I was thinking of replicating it myself and the only reason
> I can't fix the noise is because it's a company vehicle...I plan on just
> sitting the rig on the passenger seat...hi...
> 73
> Bill
> Wa2jhs
>
>
> On 4/21/2013 10:22 AM, William Laakkonen wrote:
> > I don't have one but I must say if you need the NB for your engine noise-
> > you will not enjoy this rig in the car- fix the car if you can, the stock
> > NB makes the front end (on mine at least) as wide as a barn... would not
> be
> > too hard to duplicate the board, as I recall common parts.
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> > 73
> > Bill
> > N4BKT
> >
> >
> > On Sun, Apr 21, 2013 at 10:03 AM, billjhs1 <billjhs@...> wrote:
> >
> >> **
>
> >>
> >>
> >> Hello to all....I am new to the group and just purchased an atlas 210
> >> which I am going to "restore" and use in my vehicle...does anyone have
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> >> Thanks and 73
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> >> Wa2jhs
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[Non-text portions of this message have been removed]

1085. Re: [atlas_radio] atlas 210

Yahoo group: atlas_radio
Date: 2013-04-21 14:54:23 UTC
From: Billy
Topic: 1081 Message: 1085

Well Bill, I got this one at a good price and always liked them...it
will be well cushioned for sure...HI...not to worried about the
performance of the noise blanker, its not a big deal, I just enjoy
having a radio in my work truck...spend a lot of time in it and its not
always running...had a yaesu ft 857 and a 817nd in there at times and
even their noise blankers aren't the greatest...!

73
Bill
Wa2jhs

On 4/21/2013 10:49 AM, William Laakkonen wrote:
> Hey Bill,
>
> I'd be looking for a DX70/77 or newer SR8 Alinco if you're on a budget.
> Their blankers are a bit more modern- and these are pretty cheap rigs with
> much better performance mobile. That 210X will need the cushion of the
> seat- all the plastics are old and brittle now- it may not last long in
> that environment- physically.
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> 73
> Bill
> N4BKT
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> On Sun, Apr 21, 2013 at 10:39 AM, Billy <billjhs@...> wrote:
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>> **
>>
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>> Bill...yes, I was thinking of replicating it myself and the only reason
>> I can't fix the noise is because it's a company vehicle...I plan on just
>> sitting the rig on the passenger seat...hi...
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>>
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>> On 4/21/2013 10:22 AM, William Laakkonen wrote:
>>> I don't have one but I must say if you need the NB for your engine noise-
>>> you will not enjoy this rig in the car- fix the car if you can, the stock
>>> NB makes the front end (on mine at least) as wide as a barn... would not
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>>> too hard to duplicate the board, as I recall common parts.
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>>> 73
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>>>
>>> On Sun, Apr 21, 2013 at 10:03 AM, billjhs1 <billjhs@...> wrote:
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>>>> card which includes the noise blanker...mine, of course, doesn't have
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>>>> Thanks and 73
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1086. Re: VEHICLE RADIO NOISE

Yahoo group: atlas_radio
Date: 2013-04-21 15:48:59 UTC
From: JOHN B. KRUK
Topic: 1086 Message: 1086

Whenever I hear of auto radio noise, it reminds me of a recommended "fix" by one of the major auto manufacturers.

Their service bulletin said that in the event of radio noise coming in thru the antenna, it was recommended to "shield" the antenna !

J

John, K3KR

----- Original Message -----
From: Billy
To: atlas_radio@yahoogroups.com
Sent: Sunday, April 21, 2013 10:39
Subject: Re: [atlas_radio] atlas 210

Bill...yes, I was thinking of replicating it myself and the only reason
I can't fix the noise is because it's a company vehicle...I plan on just
sitting the rig on the passenger seat...hi...
73
Bill
Wa2jhs

On 4/21/2013 10:22 AM, William Laakkonen wrote:
> I don't have one but I must say if you need the NB for your engine noise-
> you will not enjoy this rig in the car- fix the car if you can, the stock
> NB makes the front end (on mine at least) as wide as a barn... would not be
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>> Thanks and 73
>> Bill
>> Wa2jhs

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1087. Re: [atlas_radio] Re: VEHICLE RADIO NOISE

Yahoo group: atlas_radio
Date: 2013-04-21 16:01:37 UTC
From: Bill
Topic: 1086 Message: 1087

I think I will try that!!! Hi

73
BIll
wa2jhs

On 4/21/2013 11:48 AM, JOHN B. KRUK wrote:
> Whenever I hear of auto radio noise, it reminds me of a recommended "fix" by one of the major auto manufacturers.
>
> Their service bulletin said that in the event of radio noise coming in thru the antenna, it was recommended to "shield" the antenna !
>
> J
>
> John, K3KR
>
>
>
>
> ----- Original Message -----
> From: Billy
> To: atlas_radio@yahoogroups.com
> Sent: Sunday, April 21, 2013 10:39
> Subject: Re: [atlas_radio] atlas 210
>
>
>
> Bill...yes, I was thinking of replicating it myself and the only reason
> I can't fix the noise is because it's a company vehicle...I plan on just
> sitting the rig on the passenger seat...hi...
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> Bill
> Wa2jhs
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> On 4/21/2013 10:22 AM, William Laakkonen wrote:
> > I don't have one but I must say if you need the NB for your engine noise-
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> > NB makes the front end (on mine at least) as wide as a barn... would not be
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> >
> > On Sun, Apr 21, 2013 at 10:03 AM, billjhs1 <billjhs@...> wrote:
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> >> **
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> Yahoo! Groups Links
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1088. Re: [atlas_radio] Re: VEHICLE RADIO NOISE

Yahoo group: atlas_radio
Date: 2013-04-23 00:30:15 UTC
From: dennis hatch
Topic: 1086 Message: 1088

I was in the two-way radio business for over 20 years. If an auto had Vehicle Radio Noise it was almost impossible to get rid of!! I grounded engine heads to the fire wall, ignition coils to the fire wall, tail pipes were grounded, hood hinges were paralleled with flexable braid, fenders grounded, coaxial capacitors by-passed main and accessory power feeds.
All the "tricks" one could read about. Not all vehicles are alike, and no one fix is a cure.

On 4/21/2013 11:48 AM, JOHN B. KRUK wrote:
> Whenever I hear of auto radio noise, it reminds me of a recommended "fix" by one of the major auto manufacturers.
>
> Their service bulletin said that in the event of radio noise coming in thru the antenna, it was recommended to "shield" the antenna !
>
> J
>
> John, K3KR
>
>
>
>
>   ----- Original Message -----
>   From: Billy
>   To: atlas_radio@yahoogroups.com
>   Sent: Sunday, April 21, 2013 10:39
>   Subject: Re: [atlas_radio] atlas 210
>
>
>
>   Bill...yes, I was thinking of replicating it myself and the only reason
>   I can't fix the noise is because it's a company vehicle...I plan on just
>   sitting the rig on the passenger seat...hi...
>   73
>   Bill
>   Wa2jhs
>
>   On 4/21/2013 10:22 AM, William Laakkonen wrote:
>   > I don't have one but I must say if you need the NB for your engine noise-
>   > you will not enjoy this rig in the car- fix the car if you can, the stock
>   > NB makes the front end (on mine at least) as wide as a barn... would not be
>   > too hard to duplicate the board, as I recall common parts.
>   >
>   > 73
>   > Bill

> > N4BKT
> >
> >
> > On Sun, Apr 21, 2013 at 10:03 AM, billjhs1 <billjhs@...> wrote:
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> >>
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Yahoo! Groups Links

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1089. 210 manual

Yahoo group: atlas_radio
Date: 2013-04-25 01:23:00 UTC
From: billjhs1
Topic: 1089 Message: 1089

Hello to all...looking of a 210 manual...all I can find online is the 210x...trying to figure out the input filter adjustment and cannot figure out which coil is which...they look to be out of whack but don't really do much when I turn them....still looking for a pc 120 board with the noise blanker??? HI HI
73
BIll
Wa2jhs

1090. Atlas PCB edge connectors needed

Yahoo group: atlas_radio
Date: 2013-04-26 22:43:17 UTC
From: Pauline and John
Topic: 1090 Message: 1090

To anyone that has scrapped Atlas transceivers, I am looking for edge connectors. Edge connectors will be used to develop extender cards that will be produced and made available to Atlas owners and technicians. Having original edge connectors is important to use as gauges to check fit of finger part of extender boards.

Willing to pay any reasonable price for these needed connectors.

Models 210 215 350.......

TNX & 73

John WA1ESO WA1ESO(AT)JUNO(DOT)COM

1091. Re: [atlas_radio] Atlas PCB edge connectors needed

Yahoo group: atlas_radio
Date: 2013-04-26 23:03:51 UTC
From: Jim
Topic: 1090 Message: 1091

John,

I'm not sure when I can get around to this, but I think I've got a male connector here from a completely different app that's the same width, thickness, and finger spacing as an Atlas daughter card. I'll try to measure it tomorrow or Sunday when I am not painting the shed -- for your needs, pray for LOTS of rain for Central Texas this weekend.

OK to ping me off-list too -- mycall ay yahoo dot com.

73
Jim N6OTQ
group owner

>_________________________________
> From: Pauline and John <jpnery@...>
>To: atlas_radio@yahoogroups.com
>Sent: Friday, April 26, 2013 5:43 PM
>Subject: [atlas_radio] Atlas PCB edge connectors needed
>
>
>To anyone that has scrapped Atlas transceivers, I am looking for edge connectors. Edge connectors will be used to develop extender cards that will be produced and made available to Atlas owners and technicians. Having original edge connectors is important to use as gauges to check fit of finger part of extender boards.
>
>Willing to pay any reasonable price for these needed connectors.
>
>Models 210 215 350.......
>
>TNX & 73
>
>John WA1ESO WA1ESO(AT)JUNO(DOT)COM
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>Yahoo! Groups Links
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1092. Re: Atlas PCB edge connectors needed

Yahoo group: atlas_radio
Date: 2013-04-27 20:02:32 UTC
From: kiheiman_98
Topic: 1090 Message: 1092

Hi John,

This listing on eBay seems to be an exact match to the Atlas unit, based upon the measurements from my 210X:

http://www.ebay.com/itm/2pc-Card-Edge-Connector-LW-S22A2G-22Px2-pitch-3-96mm-Solt-Socket-Wire-pin-/130804807462?pt=LH_DefaultDomain_0&hash=item1e7492f726

--- In atlas_radio@yahoogroups.com, "Pauline and John" <jpnery@...> wrote:
>
> To anyone that has scrapped Atlas transceivers, I am looking for edge connectors. Edge connectors will be used to develop extender cards that will be produced and made available to Atlas owners and technicians. Having original edge connectors is important to use as gauges to check fit of finger part of extender boards.
>
> Willing to pay any reasonable price for these needed connectors.
>
> Models 210 215 350.......
>
> TNX & 73
>
> John WA1ESO WA1ESO(AT)JUNO(DOT)COM
>

1093. Re: 210 manual

Yahoo group: atlas_radio
Date: 2013-04-28 05:54:47 UTC
From: Brian Worley (KD7MTH)
Topic: 1089 Message: 1093

I too am watching for a manual for the Atlas 210 I was loaned from our local club. All I have found is for the 210X or 215X. I know there are differences between the two (210 and 210X), just don't know the details.

Bill if you locate a manual, I would be interested in the information as well.

Thanks,

Brian

Ham/Amateur Radio Callsign: KD7MTH

[Non-text portions of this message have been removed]

1094. RE: [atlas_radio] Re: 210 manual

Yahoo group: atlas_radio
Date: 2013-04-28 10:46:13 UTC
From: Bill Hendrickson
Topic: 1089 Message: 1094

I am still looking Brian...definite differences...I can't even find info on
The coils by the bandswitch...different than the 210x manual shows...I will be searching
local "fests" this summer...gladly make you a copy...
73
Bill

Sent from Windows 8 phone Wa2jhs. Toms River, NJ

-----Original Message-----
From: "Brian Worley (KD7MTH)" <whirlibird@...>
Sent: ☐4/☐28/☐2013 1:54
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Subject: [atlas_radio] Re: 210 manual

I too am watching for a manual for the Atlas 210 I was loaned from our local
club. All I have found is for the 210X or 215X. I know there are
differences between the two (210 and 210X), just don't know the details.

Bill if you locate a manual, I would be interested in the information as
well.

Thanks,

Brian

Ham/Amateur Radio Callsign: KD7MTH

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Yahoo! Groups Links

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1095. Re: Atlas PCB edge connectors needed

Yahoo group: atlas_radio
Date: 2013-05-03 14:00:21 UTC
From: Pauline and John
Topic: 1090 Message: 1095

As of today I do not have any good leads on original Atlas edge connectors.

Does anyone here have any for Atlas parts radios for sale or loan?

For a loaner I would of course pay a deposit to insure the owner of a return with in a month and assurance all shipping would be covered.

Last resort would be to purchase working Atlas radio at a fair price in hope of reselling them after used to zero in a good working extender design.

TNX & 73

John WA1ESO

--- In atlas_radio@yahoogroups.com, "Pauline and John" <jpnery@...> wrote:
>
> To anyone that has scrapped Atlas transceivers, I am looking for edge connectors. Edge connectors will be used to develop extender cards that will be produced and made available to Atlas owners and technicians. Having original edge connectors is important to use as gauges to check fit of finger part of extender boards.
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> Models 210 215 350.......
>
> TNX & 73
>
> John WA1ESO WA1ESO(AT)JUNO(DOT)COM
>

1096. RE: [atlas_radio] Re: Atlas PCB edge connectors needed

Yahoo group: atlas_radio
Date: 2013-05-03 15:03:45 UTC
From: Bill Hendrickson
Topic: 1090 Message: 1096

I am also looking for a parts radio too...need knobs and pc120 card...

Bill
Wa2jhs

Sent from Windows 8 phone Wa2jhs. Toms River, NJ

-----Original Message-----
From: "Pauline and John" <jpnery@...>
Sent: □5/□3/□2013 10:00
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Subject: [atlas_radio] Re: Atlas PCB edge connectors needed

As of today I do not have any good leads on original Atlas edge connectors.

Does anyone here have any for Atlas parts radios for sale or loan?

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TNX & 73

John WA1ESO

--- In atlas_radio@yahoogroups.com, "Pauline and John" <jpnery@...> wrote:
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> To anyone that has scrapped Atlas transceivers, I am looking for edge connectors. Edge connectors will be used to develop extender cards that will be produced and made available to Atlas owners and technicians. Having original edge connectors is important to use as gauges to check fit of finger part of extender boards.
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> Willing to pay any reasonable price for these needed connectors.
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> Models 210 215 350.......
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> TNX & 73
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> John WA1ESO WA1ESO(AT)JUNO(DOT)COM
>

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1097. RE: [atlas_radio] Re: Atlas PCB edge connectors needed

Yahoo group: atlas_radio
Date: 2013-05-04 02:29:57 UTC
From: MIKE DURKIN
Topic: 1090 Message: 1097

I might have a PC120 .....

To: atlas_radio@yahoogroups.com
From: billjhs@...
Date: Fri, 3 May 2013 11:03:45 -0400
Subject: RE: [atlas_radio] Re: Atlas PCB edge connectors needed

I am also looking for a parts radio too...need knobs and pc120 card...

Bill

Wa2jhs

Sent from Windows 8 phone Wa2jhs. Toms River, NJ

-----Original Message-----

From: "Pauline and John" <jpnery@...>

Sent: ?5/?3/?2013 10:00

To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>

Subject: [atlas_radio] Re: Atlas PCB edge connectors needed

As of today I do not have any good leads on original Atlas edge connectors.

Does anyone here have any for Atlas parts radios for sale or loan?

For a loaner I would of course pay a deposit to insure the owner of a return with in a month and assurance all shipping would be covered.

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TNX & 73

John WA1ESO

--- In atlas_radio@yahoogroups.com, "Pauline and John" <jpnery@...> wrote:

>

> To anyone that has scrapped Atlas transceivers, I am looking for edge connectors. Edge connectors will be used to develop extender cards that will be produced and made available to Atlas owners and technicians. Having original edge connectors is important to use as gauges to check fit of finger part of extender boards.

>

> Willing to pay any reasonable price for these needed connectors.

>

> Models 210 215 350.......

>

> TNX & 73

>

> John WA1ESO WA1ESO(AT)JUNO(DOT)COM

>

Yahoo! Groups Links

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[Non-text portions of this message have been removed]

1098. RE: [atlas_radio] Re: Atlas PCB edge connectors needed

Yahoo group: atlas_radio
Date: 2013-05-04 05:02:58 UTC
From: MIKE DURKIN
Topic: 1090 Message: 1098

Ok, i have several PC-120B cards .. most with the noise blanker ....

But no relay. They all have been robed for the relay and are assumed to be working (less the relay)

Iv been meaning to construct a replacement PCB for the non-findable relay -- only one contact is high current and the other two contacts can be replaced with SMD relays ....

some day ....

So if your looking for the TPDT relay -- i cant help.

Mike KC7NOA

> To: atlas_radio@yahoogroups.com
> From: Patriot121@...
> Date: Fri, 3 May 2013 19:29:57 -0700
> Subject: RE: [atlas_radio] Re: Atlas PCB edge connectors needed
>
> I might have a PC120 .....
>
>
>
> To: atlas_radio@yahoogroups.com
>
> From: billjhs@...
>
> Date: Fri, 3 May 2013 11:03:45 -0400
>
> Subject: RE: [atlas_radio] Re: Atlas PCB edge connectors needed
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> Bill
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> Wa2jhs
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> Sent from Windows 8 phone Wa2jhs. Toms River, NJ
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>
> -----Original Message-----
>
>
> From: "Pauline and John" <jpnery@...>
>
>
> Sent: ý5/ý3/ý2013 10:00
>
>
> To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
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>
> Subject: [atlas_radio] Re: Atlas PCB edge connectors needed
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>
> As of today I do not have any good leads on original Atlas edge connectors.
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> Does anyone here have any for Atlas parts radios for sale or loan?
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> For a loaner I would of course pay a deposit to insure the owner of a return with in a month and assurance all shipping would be covered.
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> Last resort would be to purchase working Atlas radio at a fair price in hope of reselling them after used to zero in a good working extender design.
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> TNX & 73
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> John WA1ESO
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> --- In atlas_radio@yahoogroups.com, "Pauline and John" <jpnery@...> wrote:
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> > To anyone that has scrapped Atlas transceivers, I am looking for edge connectors. Edge connectors will be used to develop extender cards that will be produced and made available to Atlas owners and technicians. Having original edge connectors is important to use as gauges to check fit of finger part of extender boards.
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> > Willing to pay any reasonable price for these needed connectors.
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> > Models 210 215 350.......
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> > TNX & 73
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> > John WA1ESO WA1ESO(AT)JUNO(DOT)COM
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[Non-text portions of this message have been removed]

1099. Re: [atlas_radio] Re: Atlas PCB edge connectors needed

Yahoo group: atlas_radio
Date: 2013-05-04 17:22:49 UTC
From: JACK BREWER
Topic: 1090 Message: 1099

Mike ,, What would you want for the PC-120 cards ?? I need 2 of them and the missing relays are no problem as long as they have the noise blanker. Jack WA3VZK

From: MIKE DURKIN <Patriot121@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Saturday, May 4, 2013 1:02 AM
Subject: RE: [atlas_radio] Re: Atlas PCB edge connectors needed

Ok, i have several PC-120B cards .. most with the noise blanker ....

But no relay. They all have been robed for the relay and are assumed to be working (less the relay)

Iv been meaning to construct a replacement PCB for the non-findable relay -- only one contact is high current and the other two contacts can be replaced with SMD relays ....

some day ....

So if your looking for the TPDT relay -- i cant help.

Mike KC7NOA

> To: mailto:atlas_radio%40yahoogroups.com
> From: mailto:Patriot121%40msn.com
> Date: Fri, 3 May 2013 19:29:57 -0700
> Subject: RE: [atlas_radio] Re: Atlas PCB edge connectors needed
>
> I might have a PC120 .....
>
>
>
> To: mailto:atlas_radio%40yahoogroups.com
>
> From: mailto:billjhs%40gmail.com
>
> Date: Fri, 3 May 2013 11:03:45 -0400
>
> Subject: RE: [atlas_radio] Re: Atlas PCB edge connectors needed
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> I am also looking for a parts radio too...need knobs and pc120 card...
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> Bill
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> Wa2jhs
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>
> Sent from Windows 8 phone Wa2jhs. Toms River, NJ
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>
> -----Original Message-----
>
>
> From: "Pauline and John" <mailto:jpnery%40yahoo.com>
>
>
> Sent: ý5/ý3/ý2013 10:00
>
>

> To: "mailto:atlas_radio%40yahoogroups.com" <mailto:atlas_radio%40yahoogroups.com>
>
>
> Subject: [atlas_radio] Re: Atlas PCB edge connectors needed
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> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1100. Re: Atlas PCB edge connectors needed

Yahoo group: atlas_radio
Date: 2013-05-14 23:59:13 UTC
From: kiheiman_98
Topic: 1090 Message: 1100

Today, I received four of the Chinese edge card connectors - around $7 total from eBay and delivery was a couple of weeks. The connectors look to be very high quality. I started measuring the specs and comparing them with my Atlas sockets in radios. They are very close. In the process of measuring, I discovered that the quality control on the Atlas boards at the edge card was not very good - a couple of mm variance between boards. Anyway, the Atlas boards seems to have a good fit in the new sockets.

73
Clint
W7KEC

--- In atlas_radio@yahoogroups.com, "Pauline and John" <jpnery@...> wrote:
>
> As of today I do not have any good leads on original Atlas edge connectors.
>
> Does anyone here have any for Atlas parts radios for sale or loan?
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> >
> > Models 210 215 350.......
> >
> > TNX & 73
> >
> > John WA1ESO WA1ESO(AT)JUNO(DOT)COM
> >
>

1101. 210 alignment

Yahoo group: atlas_radio
Date: 2013-05-21 13:58:28 UTC
From: Bill Hendrickson
Topic: 1101 Message: 1101

Anyone have a copy of the alignment procedure for the 210?????

Tnx
73
Bill
Wa2jhs

[Non-text portions of this message have been removed]

1102. 210x aux plug

Yahoo group: atlas_radio
Date: 2013-06-06 19:06:59 UTC
From: k6plr
Topic: 1102 Message: 1102

I want to connect a 210x to my amp. Does anyone have a male auxiliary plug or another reasonable way to make a good connection? Thanks

1103. Re: [atlas_radio] 210x aux plug

Yahoo group: atlas_radio
Date: 2013-06-06 20:09:20 UTC
From: Jim
Topic: 1102 Message: 1103

The easiest way I know is to find a correct-based vacuum tube and pop it. Most people have a few in their junk box.

Spread some red silicone seal into the tube base around the pins, then scribe around the base of the tube with a glass cutter or carbide drill bit. You can separate it with a hot wire, or with a small torch, or over a gas kitchen stove. Just don't hold it in your hand when you separate it. The silicone seal helps absorb the shock of breakage, and the base is likelier to remain intact.

It probably will not break cleanly. You will almost certainly have to file the electrodes on the (formerly) inside of the tube to get solder to adhere, and you will need to use zinc chloride (acid) flux to solder wires onto the electrodes.

But that will give you 100% pin coverage.

You can smooth down the jagged edges with an abrasive cut-off wheel. You can get these for a Dremel, or you can use the slightly larger sizes for automotive work.

There are also accessory plugs out there but they are hard to find nowadays.

You can also pop the male pins out of a DB25 connector. Those are the same diameter as the pins in these connectors. I will leave it as an exercise to the student to figure out a good way to affix those rigidly and in the correct pattern for this, but a miniature tube socket will work FB as a jig.

If you know you will NEVER remove the connector, you can just stick the individual pins in the socket....

73
Jim N6OTQ

>_____
> From: k6plr <shorten@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, June 6, 2013 2:06 PM
>Subject: [atlas_radio] 210x aux plug
>
>
>I want to connect a 210x to my amp. Does anyone have a male auxiliary plug or another reasonable way to make a good connection? Thanks
>

[Non-text portions of this message have been removed]

1104. Re: 210x aux plug

Yahoo group: atlas_radio
Date: 2013-06-06 20:28:44 UTC
From: k6plr
Topic: 1102 Message: 1104

--- In atlas_radio@yahoogroups.com, Jim <n6otq@...> wrote:
>
> The easiest way I know is to find a correct-based vacuum tube and pop it. Most people have a few in their junk box.
>
> Spread some red silicone seal into the tube base around the pins, then scribe around the base of the tube with a glass cutter or carbide drill bit. You can separate it with a hot wire, or with a small torch, or over a gas kitchen stove. Just don't hold it in your hand when you separate it. The silicone seal helps absorb the shock of breakage, and the base is likelier to remain intact.
>
> It probably will not break cleanly. You will almost certainly have to file the electrodes on the (formerly) inside of the tube to get solder to adhere, and you will need to use zinc chloride (acid) flux to solder wires onto the electrodes.
>
> But that will give you 100% pin coverage.
>
> You can smooth down the jagged edges with an abrasive cut-off wheel. You can get these for a Dremel, or you can use the slightly larger sizes for automotive work.
>
>
> There are also accessory plugs out there but they are hard to find nowadays.
>
>
> You can also pop the male pins out of a DB25 connector. Those are the same diameter as the pins in these connectors. I will leave it as an exercise to the student to figure out a good way to affix those rigidly and in the correct pattern for this, but a miniature tube socket will work FB as a jig.
>
> If you know you will NEVER remove the connector, you can just stick the individual pins in the socket....
>
> 73
> Jim N6OTQ
>
>
>
> >_Thanks Jim. Very good and speedy advice._____
> > From: k6plr <shorten@...>
> >To: atlas_radio@yahoogroups.com
> >Sent: Thursday, June 6, 2013 2:06 PM
> >Subject: [atlas_radio] 210x aux plug
> >
> >
> >I want to connect a 210x to my amp. Does anyone have a male auxiliary plug or another

reasonable way to make a good connection? Thanks
> >
>
> [Non-text portions of this message have been removed]
>

1105. Re: [atlas_radio] 210x aux plug

Yahoo group: atlas_radio
Date: 2013-06-06 20:33:04 UTC
From: qrv@kd4e.com
Topic: 1102 Message: 1105

If that's the same one as used for the DD6-C then I have an extra
cable with a RCA at the other end - perhaps that's the purpose
of that mystery cable?

73, David KD4E

> k6plr wrote:
> I want to connect a 210x to my amp. Does anyone have a male auxiliary
> plug or another reasonable way to make a good connection? Thanks

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

1106. Re: Power connector for Atlas 210x?

Yahoo group: atlas_radio
Date: 2013-06-07 00:11:35 UTC
From: chrisboyce705
Topic: 1042 Message: 1106

I just finished one in a Altoid Mini's box with the lid removed. I cut the holes with an awl after marking them with a sharpi next to the rig. I soldered a crowbar diode in the box and I plan to fill it with fiberglass resin. I will try to upload pictures next.

--- In atlas_radio@yahoogroups.com, "EdwinB" <n5kzw@...> wrote:
>
> I just used panel-mount plug & jacks in a piece of double-sided PCB. The etch was cut away to isolate the plug, and the back side was "potted" in RTV after dressing the leads to the end of the PCB and securing them with a wire tie.
>
> Regards,
> Ed
>
> --- In atlas_radio@yahoogroups.com, "qrv@" <qrv@> wrote:
> >
> > What are the dimensions/what is the connector type
> > for the banana plug-type power connector on the
> > rear of the 210x, please?
> >
> > I need to either buy a DC cable or build one.
> >
> > Since I have plenty of wire, etc, to buy just the
> > connector - or correct connector pieces - would be
> > fine.
> >
> > Thanks!
> >
> >
> > --
> >
> > Thanks! & 73, KD4E.com
> > David Colburn nevils-station.com
> > I don't google I SEARCH! duckduckgo.com
> > Network: groups.yahoo.com/group/qrv
> > Restored to design-spec at Heaven's gate 1Cor15:22
> >
>

1107. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2013-06-07 00:17:19 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 1107

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /6.6.2013 103.JPG
Uploaded by : chrisboyce705 <chrisboyce705@...>
Description : Altoid mini power plug Top

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/6.6.2013%20103.JPG

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

chrisboyce705 <chrisboyce705@...>

1108. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2013-06-07 00:19:08 UTC
From: atlas_radio@yahoogroups.com
Topic: 149 Message: 1108

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Altoid mini pwr side.JPG
Uploaded by : chrisboyce705 <chrisboyce705@...>
Description : Altoid Mini Power Plug side View

You can access this file at the URL:
http://groups.yahoo.com/group/atlas_radio/files/Altoid%20mini%20pwr%20side.JPG

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

chrisboyce705 <chrisboyce705@...>

1109. FS Atlas 180

Yahoo group: atlas_radio
Date: 2013-06-13 12:14:57 UTC
From: w0szv
Topic: 1109 Message: 1109

I have a nice working Atlas 180 with power cord and mobile mount with power cords. asking $200 plus shipping. Please contact off group if interested. My address is good in QRZ.
thanks
Eldon
w0szv

1110. Atlas 210 / 215 extender board offered

Yahoo group: atlas_radio
Date: 2013-06-16 10:32:26 UTC
From: Pauline and John
Topic: 1090 Message: 1110

Now offering extender boards for the ATLAS 210 / 215. This extender is intended for the PC 100/200/300 Atlas boards.

I would like to offer extenders for all Atlas radio but to do so I would need help for owners of other Atlas models.

Some models may take the same extender as the 210/215. In this case I can offer an extender to the OM or YL that assists at half price in order to compensate them for their time.

For a totally new designed board I would like to offer the first prototype at no charge to the ATLAS owner that is willing to follow through with feedback until a perfect working extender is developed.

If interested please make contact as soon as you can.

TNX & 73

John WA1ESO WA1ESO(AT)JUNO(DOT)COM

401-624-4576

1111. Atlas Engineering Tip Document

Yahoo group: atlas_radio
Date: 2013-06-16 15:01:07 UTC
From: kiheiman_98
Topic: 1111 Message: 1111

Kevin Murphy (ZL1UJG) and I have been doing quite of bit of collaboration on improving the operation of the Atlas 210X series of radios. Kevin has a number of postings in the files section of the forum. The current work is an update of past information and also covers new areas of the radio. We are considering consolidating all of the info into a single Word document, if there is sufficient interest. Typical areas that would be covered include:

ceramic/mylar capacitors not working properly at RF frequencies
wrong trap filter coil values in some LE units
installing MCL TUF-1 mixer in receiver front end
rework of IF Trap and Image filters
better crystal filter terminations
improved frequency response in receiver audio amp
testing the transmitter PC-500 board
installing internal VFO digital display

Please let us know if you feel that such a document would be of value to you.

73
Clint
W7KEC

1112. Re: [atlas_radio] Atlas Engineering Tip Document

Yahoo group: atlas_radio
Date: 2013-06-16 15:03:13 UTC
From: Bill
Topic: 1111 Message: 1112

Clint, any info to me would be much appreciated...
73
Bill
Wa2jhs

On 6/16/2013 11:01 AM, kiheiman_98 wrote:
> Kevin Murphy (ZL1UJG) and I have been doing quite of bit of collaboration on improving the operation of the Atlas 210X series of radios. Kevin has a number of postings in the files section of the forum. The current work is an update of past information and also covers new areas of the radio. We are considering consolidating all of the info into a single Word document, if there is sufficient interest. Typical areas that would be covered include:
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> rework of IF Trap and Image filters
> better crystal filter terminations
> improved frequency response in receiver audio amp
> testing the transmitter PC-500 board
> installing internal VFO digital display
>
> Please let us know if you feel that such a document would be of value to you.
>
> 73
> Clint
> W7KEC
>
>
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> ------------------------------------
>
> Yahoo! Groups Links
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1113. Re: Atlas Engineering Tip Document

Yahoo group: atlas_radio
Date: 2013-06-17 03:09:19 UTC
From: AA9GG
Topic: 1111 Message: 1113

i AM! I have an Atlas 210 (NOT X). I'm sure the mods would still apply

--- In atlas_radio@yahoogroups.com, "kiheiman_98" <kiheiman@...> wrote:
>
> Kevin Murphy (ZL1UJG) and I have been doing quite of bit of collaboration on improving the operation of the Atlas 210X series of radios. Kevin has a number of postings in the files section of the forum. The current work is an update of past information and also covers new areas of the radio. We are considering consolidating all of the info into a single Word document, if there is sufficient interest. Typical areas that would be covered include:
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>
> Please let us know if you feel that such a document would be of value to you.
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> 73
> Clint
> W7KEC
>

1114. Re: [atlas_radio] Re: Atlas Engineering Tip Document

Yahoo group: atlas_radio
Date: 2013-06-17 07:19:16 UTC
From: JF PICARD
Topic: 1111 Message: 1114

I am too. I have a 210X.
Thank you

From: AA9GG <paul.aa9gg@...>
To: atlas_radio@yahoogroups.com
Sent: Monday, June 17, 2013 5:09 AM
Subject: [atlas_radio] Re: Atlas Engineering Tip Document

i AM! I have an Atlas 210 (NOT X). I'm sure the mods would still apply

--- In atlas_radio@yahoogroups.com, "kiheiman_98" <kiheiman@...> wrote:
>
> Kevin Murphy (ZL1UJG) and I have been doing quite of bit of collaboration on improving the operation of the Atlas 210X series of radios. Kevin has a number of postings in the files section of the forum. The current work is an update of past information and also covers new areas of the radio. We are considering consolidating all of the info into a single Word document, if there is sufficient interest. Typical areas that would be covered include:
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> ceramic/mylar capacitors not working properly at RF frequencies
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> Please let us know if you feel that such a document would be of value to you.
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> 73
> Clint
> W7KEC
>

Yahoo! Groups Links

[Non-text portions of this message have been removed]

1115. Re: Atlas Engineering Tip Document

Yahoo group: atlas_radio
Date: 2013-06-17 07:46:45 UTC
From: zl1ujg
Topic: 1111 Message: 1115

Hi,
Yes, I am sure there are many areas, which you can take useful information from the document, when it is released, due to the similarity between models. In fact "Dont tell anyone" but in some areas I am sure the 210 and the earlier 210X series are better than the later versions.

My posting below was put on the other reflector earlier this evening

Thanks for the feedback on wanting a modern document for the Atlas 210/215/X/LE series

On the 22 April 2013, just a week or two short of 8 years, according to the date on his previous email, Clint W7KEC sent me an email enquiring about mixers on the Atlas 210X.

Since then, Clint and I have exchanged well in excess of 600 emails, about various topics relating to the Atlas stable of radios. We have made many, many measurements on various parts of the radios.

This started the ball rolling with documenting what we find on the various Atlas's that we each have.

As we take steps to improve performance, we make more documentation and measurements. This is an ongoing process.

The Atlas Engineering Tip Document is therefore a living document, which will be updated as we (and others) work on the Atlas's.

We will compile the first release of this document, which will be released sometime in the not too distant future.

Thanks

Kevin
ZL1UJG

--- In atlas_radio@yahoogroups.com, JF PICARD <jfphp@...> wrote:
>
> I am too. I have a 210X.
> Thank you
>
>
> _____
> From: AA9GG <paul.aa9gg@...>
> To: atlas_radio@yahoogroups.com
> Sent: Monday, June 17, 2013 5:09 AM
> Subject: [atlas_radio] Re: Atlas Engineering Tip Document
>
>
> i AM! I have an Atlas 210 (NOT X). I'm sure the mods would still apply

>
> --- In atlas_radio@yahoogroups.com, "kiheiman_98" <kiheiman@> wrote:
> >
> > Kevin Murphy (ZL1UJG) and I have been doing quite of bit of collaboration on improving the operation of the Atlas 210X series of radios. Kevin has a number of postings in the files section of the forum. The current work is an update of past information and also covers new areas of the radio. We are considering consolidating all of the info into a single Word document, if there is sufficient interest. Typical areas that would be covered include:
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> > wrong trap filter coil values in some LE units
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> > rework of IF Trap and Image filters
> > better crystal filter terminations
> > improved frequency response in receiver audio amp
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> > installing internal VFO digital display
> >
> > Please let us know if you feel that such a document would be of value to you.
> >
> > 73
> > Clint
> > W7KEC
> >
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> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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1116. Re: [atlas_radio] Re: Atlas Engineering Tip Document

Yahoo group: atlas_radio
Date: 2013-06-17 11:34:26 UTC
From: pedro alicea
Topic: 1111 Message: 1116

From: zl1ujg <zl1ujg@...>
To: atlas_radio@yahoogroups.com
Sent: Monday, June 17, 2013 3:46 AM
Subject: [atlas_radio] Re: Atlas Engineering Tip Document

Hi,
Yes, I am sure there are many areas, which you can take useful information from the document, when it is released, due to the similarity between models. In fact "Dont tell anyone" but in some areas I am sure the 210 and the earlier 210X series are better than the later versions.

My posting below was put on the other reflector earlier this evening

Thanks for the feedback on wanting a modern document for the Atlas 210/215/X/LE series

On the 22 April 2013, just a week or two short of 8 years, according to the date on his previous email, Clint W7KEC sent me an email enquiring about mixers on the Atlas 210X.

Since then, Clint and I have exchanged well in excess of 600 emails, about various topics relating to the Atlas stable of radios. We have made many, many measurements on various parts of the radios.

This started the ball rolling with documenting what we find on the various Atlas's that we each have.

As we take steps to improve performance, we make more documentation and measurements. This is an ongoing process.

The Atlas Engineering Tip Document is therefore a living document, which will be updated as we (and others) work on the Atlas's.

We will compile the first release of this document, which will be released sometime in the not too distant future.

Thanks

Kevin
ZL1UJG

--- In atlas_radio@yahoogroups.com, JF PICARD <jfphp@...> wrote:
>
> I am too. I have a 210X.
> Thank you
>
>
> ---
> From: AA9GG <paul.aa9gg@...>

> To: atlas_radio@yahoogroups.com
> Sent: Monday, June 17, 2013 5:09 AM
> Subject: [atlas_radio] Re: Atlas Engineering Tip Document
>
>
> i AM! I have an Atlas 210 (NOT X). I'm sure the mods would still apply
>
> --- In atlas_radio@...m, "kiheiman_98" <kiheiman@> wrote:
> >
> > Kevin Murphy (ZL1UJG) and I have been doing quite of bit of collaboration on improving the operation of the Atlas 210X series of radios. Kevin has a number of postings in the files section of the forum. The current work is an update of past information and also covers new areas of the radio. We are considering consolidating all of the info into a single Word document, if there is sufficient interest. Typical areas that would be covered include:
> >
> > ceramic/mylar capacitors not working properly at RF frequencies
> > wrong trap filter coil values in some LE units
> > installing MCL TUF-1 mixer in receiver front end
> > rework of IF Trap and Image filters
> > better crystal filter terminations
> > improved frequency response in receiver audio amp
> > testing the transmitter PC-500 board
> > installing internal VFO digital display
> >
> > Please let us know if you feel that such a document would be of value to you.
> >
> > 73
> > Clint
> > W7KEC
> >
>
>
>
>
> ------------------------------------
>
> Yahoo! Groups Links
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

1117. Re: Atlas Engineering Tip Document

Yahoo group: atlas_radio
Date: 2013-06-17 12:15:24 UTC
From: Vic
Topic: 1111 Message: 1117

Yes yes yes !! Me too !!

73, Vic GW4JUN

[Non-text portions of this message have been removed]

1118. Re: [atlas_radio] Atlas Engineering Tip Document

Yahoo group: atlas_radio
Date: 2013-06-18 20:59:46 UTC
From: W5HW - Harry
Topic: 1111 Message: 1118

Clint,

Would you be planning to upload it to the Files sections of the atlas210x-215x and atlas_radio Yahoo groups?

Harry - W5HW

In respectful memory of Ed Fauss (SK), the previous W5HW, of Eufala, Oklahoma

--- On Sun, 6/16/13, kiheiman_98 <kiheiman@...> wrote:

From: kiheiman_98 <kiheiman@...>
Subject: [atlas_radio] Atlas Engineering Tip Document
To: atlas_radio@yahoogroups.com
Date: Sunday, June 16, 2013, 3:01 PM

Kevin Murphy (ZL1UJG) and I have been doing quite of bit of collaboration on improving the operation of the Atlas 210X series of radios. Kevin has a number of postings in the files section of the forum. The current work is an update of past information and also covers new areas of the radio. We are considering consolidating all of the info into a single Word document, if there is sufficient interest. Typical areas that would be covered include:

ceramic/mylar capacitors not working properly at RF frequencies

wrong trap filter coil values in some LE units

installing MCL TUF-1 mixer in receiver front end

rework of IF Trap and Image filters

better crystal filter terminations

improved frequency response in receiver audio amp

testing the transmitter PC-500 board

installing internal VFO digital display

Please let us know if you feel that such a document would be of value to you.

73

Clint

W7KEC

[Non-text portions of this message have been removed]

1119. Re: Atlas Engineering Tip Document

Yahoo group: atlas_radio
Date: 2013-06-19 11:29:47 UTC
From: zl1ujg
Topic: 1111 Message: 1119

Hi Harry,
I am sure it will be in the files sections, once it is got to a point thats suitable for release.
It will be a living document, and revisions will be done from time to time, as more information becomes available.

Kevin

--- In atlas_radio@yahoogroups.com, W5HW - Harry <w5hw_harry@...> wrote:
>
>
> Clint,
>
> Would you be planning to upload it to the Files sections of the atlas210x-215x and atlas_radio Yahoo groups?
>
> Harry - W5HW
>
> In respectful memory of Ed Fauss (SK), the previous W5HW, of Eufala, Oklahoma
>
>
>
>
> --- On Sun, 6/16/13, kiheiman_98 <kiheiman@...> wrote:
>
> From: kiheiman_98 <kiheiman@...>
> Subject: [atlas_radio] Atlas Engineering Tip Document
> To: atlas_radio@yahoogroups.com
> Date: Sunday, June 16, 2013, 3:01 PM
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> Kevin Murphy (ZL1UJG) and I have been doing quite of bit of collaboration on improving the operation of the Atlas 210X series of radios. Kevin has a number of postings in the files section of the forum. The current work is an update of past information and also covers new areas of the radio. We are considering consolidating all of the info into a single Word document, if there is sufficient interest. Typical areas that would be covered include:
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> ceramic/mylar capacitors not working properly at RF frequencies
>
> wrong trap filter coil values in some LE units
>
> installing MCL TUF-1 mixer in receiver front end
>
> rework of IF Trap and Image filters
>
> better crystal filter terminations
>
> improved frequency response in receiver audio amp
>
> testing the transmitter PC-500 board
>
> installing internal VFO digital display
>
>
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> Please let us know if you feel that such a document would be of value to you.
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> 73
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> Clint
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> W7KEC
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> [Non-text portions of this message have been removed]
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1120. Microphone help

Yahoo group: atlas_radio
Date: 2013-06-20 23:57:02 UTC
From: chrisboyce705
Topic: 1120 Message: 1120

I need a microphone for a 210x. I want to loan a 210x to a young ham who just got his general. The old shure mic I have has given up. I have several old CB microphones but they are dynamic Low Z. Does anyone know how I can convert one of these for cheep? Will an amplified CB mic work?

1121. Re: Atlas Engineering Tip Document

Yahoo group: atlas_radio
Date: 2013-07-05 19:04:54 UTC
From: chrisboyce705
Topic: 1111 Message: 1121

Yes, I want more info on these radios.

--- In atlas_radio@yahoogroups.com, "kiheiman_98" <kiheiman@...> wrote:
>
> Kevin Murphy (ZL1UJG) and I have been doing quite of bit of collaboration on improving the operation of the Atlas 210X series of radios. Kevin has a number of postings in the files section of the forum. The current work is an update of past information and also covers new areas of the radio. We are considering consolidating all of the info into a single Word document, if there is sufficient interest. Typical areas that would be covered include:
>
> ceramic/mylar capacitors not working properly at RF frequencies
> wrong trap filter coil values in some LE units
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> rework of IF Trap and Image filters
> better crystal filter terminations
> improved frequency response in receiver audio amp
> testing the transmitter PC-500 board
> installing internal VFO digital display
>
> Please let us know if you feel that such a document would be of value to you.
>
> 73
> Clint
> W7KEC
>

1122. Atlas on swap.qth.com 350-PS

Yahoo group: atlas_radio
Date: 2013-07-12 22:54:25 UTC
From: qrv@kd4e.com
Topic: 1122 Message: 1122

FOR SALE; ATLAS POWER SUPPLY
HAS 13.8 VOLTS,WITH UP TO 32 AMP, SUPPLY. GOOD COND,WITH 5''RADIO
SPKR USED WITH ATLAS 350XL TRANCEIVER WITH PLUG $100 + SHIPPING K6ZLP
,
Listing #1074459 - Submitted on 07/01/13 by Callsign K6ZLP,

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

1123. Atlas 180 for sale

Yahoo group: atlas_radio
Date: 2013-07-22 21:54:06 UTC
From: w0szv
Topic: 1123 Message: 1123

I have a nice working Atlas 180 with power cord. also included is a mobile mount with its own power cord. Asking $200.00 and that includes shipping to the lower 48 states.
thanks
Eldon
w0szv

1124. Deluxe Mobile Mount

Yahoo group: atlas_radio
Date: 2013-08-01 16:32:19 UTC
From: Stephen
Topic: 1124 Message: 1124

I am looking for the Deluxe mobile mount for the Atlas 180. Model is DMK. Not sure if it's the same for the 210 and 215. Any out there????
It's the one that the radio slides into. Thanks and 73! Steve WA3JJT

1125. No output on SSB, CW 100 wattts

Yahoo group: atlas_radio
Date: 2013-09-02 14:52:22 UTC
From: rcarp5
Topic: 1125 Message: 1125

Hi, I just acquired an Atlas 210X with the matching console. It receives fine and transmits fine(100 watts)in the CW mode but not SSB. I have tried a couple of different mics (D104 and Shure 444) with the same result no output on SSB. I have traced the microphone audio lead up to the PC200 board connector and it has continuity. How can I test the mic amp circuit? Is this a common problem in one of these radios. I have been impressed with receiver sensitivity and ease of operation. Thanks in advance. AA4VI

1126. Re: [atlas_radio] No output on SSB, CW 100 wattts

Yahoo group: atlas_radio
Date: 2013-09-02 15:19:33 UTC
From: David V
Topic: 1125 Message: 1126

Try cleaning the mode switch.

Sent from my Verizon Wireless 4G LTE DROID

rcarp5 <rcarp5@...> wrote:

>Hi, I just acquired an Atlas 210X with the matching console. It receives fine and transmits fine(100 watts)in the CW mode but not SSB. I have tried a couple of different mics (D104 and Shure 444) with the same result no output on SSB. I have traced the microphone audio lead up to the PC200 board connector and it has continuity. How can I test the mic amp circuit? Is this a common problem in one of these radios. I have been impressed with receiver sensitivity and ease of operation. Thanks in advance. AA4VI
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>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

1127. RE: [atlas_radio] No output on SSB, CW 100 wattts

Yahoo group: atlas_radio
Date: 2013-09-02 16:15:07 UTC
From: Stephen West-Fisher
Topic: 1125 Message: 1127

Before you get too deep make sure the connector on the back or the radio is fully connected to the console. Just a wee bit out and the mic doesn't connect.

--

Stephen West-Fisher

N4IK

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com] On Behalf Of rcarp5
Sent: Monday, September 2, 2013 10:52 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] No output on SSB, CW 100 wattts

Hi, I just acquired an Atlas 210X with the matching console. It receives fine and transmits fine(100 watts)in the CW mode but not SSB. I have tried a couple of different mics (D104 and Shure 444) with the same result no output on SSB. I have traced the microphone audio lead up to the PC200 board connector and it has continuity. How can I test the mic amp circuit? Is this a common problem in one of these radios. I have been impressed with receiver sensitivity and ease of operation. Thanks in advance. AA4VI

[Non-text portions of this message have been removed]

1128. Re: No output on SSB, CW 100 wattts

Yahoo group: atlas_radio
Date: 2013-09-02 16:16:47 UTC
From: rcarp5
Topic: 1125 Message: 1128

Let me be a little more specific. The radio does key in the SSB mode and also can be keyed by VOX using the microphone. I just get no RF output in SSB although the transmitter is keyed. AA4VI

--- In atlas_radio@yahoogroups.com, David V <wb4mwf@...> wrote:
>
> Try cleaning the mode switch.
>
> Sent from my Verizon Wireless 4G LTE DROID
>
> rcarp5 <rcarp5@...> wrote:
>
> >Hi, I just acquired an Atlas 210X with the matching console. It receives fine and transmits fine(100 watts)in the CW mode but not SSB. I have tried a couple of different mics (D104 and Shure 444) with the same result no output on SSB. I have traced the microphone audio lead up to the PC200 board connector and it has continuity. How can I test the mic amp circuit? Is this a common problem in one of these radios. I have been impressed with receiver sensitivity and ease of operation. Thanks in advance. AA4VI
> >
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> >Yahoo! Groups Links
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>
> [Non-text portions of this message have been removed]
>

1129. Fw: [yahoo.uservoice.com] Admin response: 'Return Groups format to prior format ...'

Yahoo group: atlas_radio
Date: 2013-09-08 00:32:04 UTC
From: Jim
Topic: 1129 Message: 1129

Members,

Enjoy. This is a feeble response from Yahoo about the garbage job they have recently done to "improve" the groups.

As one of your moderators, it's my duty to report on yahoo's most recent colossal failure.

=====
Jim in Texas

----- Forwarded Message -----
>From: Yahoo <no-reply@...>
>To: n6otq@...
>Sent: Saturday, September 7, 2013 5:33 PM
>Subject: [yahoo.uservoice.com] Admin response: 'Return Groups format to prior format ...'
>
>
>
>[yahoo.uservoice.com] Admin response: 'Return Groups format to prior format ...'
>~~~ This email is sent from a ‘no reply’ address, go here to leave a comment. ~~~
>
>yahoo.uservoice.com
>Admin response
>An idea you follow has been updated:
>40106
votes
>Gathering feedback
>+3 votes Return Groups format to prior format that WORKS!
>Gathering feedback
>We’ve made a number of changes to the new experience, based on feedback from you, some of them are:
>1. Previous / Next navigation to move from one message or topic to another is now working well
>2. The default page that opens when clicking on a group name on the left navigation panel is messages as requested by many of our users
>3. The messages list shows a larger preview of the message this is the same view as seen on the ‘Groups home’ page that has latest updates from across your groups
>4. Message history is more discoverable on the conversation toolbar – this allows access to messages from the archive by specific month and year
>5.Photos albums and photos have their title information displayed by default (it was appearing on hover)
>6. Files – list of files and folders can be sorted alphabetically.
>7. Improvements in making the customization of cover Image for your group work well with all major browser versions.
>8. Search messages using universal search – we’ve made it more discoverable by using

default text in the search box that reads “Search conversations”
>9. Optimized experience for Tablets
>10. Optimized experience for Mobile phones – now you can use conversations, photos and Polls (not all features are enabled for the mobile experience)
>To make the transition easy to the new experience, we’ve had the product overview video & the product tour slideshow available since the beginning.
>The groups help site as well as the community help site on Y! Answers have help articles specific to features and how to use them. Links to help articles are placed contextually in the product experience.
>We will continue to make changes based on feedback.
>- Yahoo Groups Product Team
>_____
>
>We deeply value how much you, our users, care about Yahoo Groups. Today we launched our first update to the Groups experience in several years and while these changes are an important step to building a more modern Groups experience, we recognize that this is a considerable change.
>We are listening to all of the community feedback and we are actively measuring user feedback so we can continuously make improvements.
>- The Yahoo Groups Team
> Product Support
>Admin, Yahoo
>If you would like to stop receiving these emails you may unsubscribe from status notifications.
>
>

1130. Atlas 210X Engineering document has been posted.

Yahoo group: atlas_radio
Date: 2013-10-05 04:23:19 UTC
From: <kiheiman@...>
Topic: 1130 Message: 1130

Kevin and I have finished the initial release of the Atlas 210X Improvements doc. This doc represents about 10 years of work on testing/experimenting with various changes to the 210X transceivers. The doc is 57 pages long and covers a wide range of subjects. Where applicable, pictures have been provided to assist with the text descriptions. This doc is a work in progress and some of the results may not match with your experiences. Please share what you have found. There are several sections in the doc and are stil in a testing stage. Some of the sections may not read correctly - and may need to be updated.

1131. Re: [atlas_radio] Atlas 210X Engineering document has been posted.

Yahoo group: atlas_radio
Date: 2013-10-05 09:13:28 UTC
From: JF PICARD
Topic: 1130 Message: 1131

Thank you very much for this impressive document and the lot of work behind. Does anybody intend to do the same work for the 350XL or at least describe the common engineering faults and solutions ? I have got one and I am going from problem to problem and read the comment of the paper : superb if it is running, piece of junk if not.

From: "kiheiman@..." <kiheiman@...m>
To: atlas_radio@yahoogroups.com
Sent: Saturday, October 5, 2013 6:23 AM
Subject: [atlas_radio] Atlas 210X Engineering document has been posted.

Kevin and I have finished the initial release of the Atlas 210X Improvements doc. This doc represents about 10 years of work on testing/experimenting with various changes to the 210X transceivers. The doc is 57 pages long and covers a wide range of subjects. Where applicable, pictures have been provided to assist with the text descriptions. This doc is a work in progress and some of the results may not match with your experiences. Please share what you have found. There are several sections in the doc and are stil in a testing stage. Some of the sections may not read correctly - and may need to be updated.

1132. A temporary fix for NEO?

Yahoo group: atlas_radio
Date: 2013-10-21 02:02:27 UTC
From: n6otq
Topic: 1132 Message: 1132

Please excuse if you see this in ore than one place. I am not sending it as "velveeta," I am posting this to groups I'm a moderator/owner of, or a member of.

To defeat NEO, use the following URL to see your groups in the old style:

http://stage.groups.yahoo.com/group/<YourGroupName>/

where <YourGroupName> is the name of the group you want to see in the old format. Enter it as it appears in your URL bar, without the angle brackets, of course.

73
Jim N6OTQ

1133. Group will be closed soon

Yahoo group: atlas_radio
Date: 2013-11-14 17:34:20 UTC
From: <n6otq@...>
Topic: 1133 Message: 1133

A message from the group owner ...

Because of yahoo's senseless and idiotic conversion of groups to the Neo format, I will be closing this group in the near future.

73
Jim N6OTQ

1134. Re: [atlas_radio] Group will be closed soon

Yahoo group: atlas_radio
Date: 2013-11-14 17:54:20 UTC
From: Stroppel, Galo J
Topic: 1133 Message: 1134

Thanks Jim for all the work
John
WA0VYZ

"n6otq@..." wrote:

A message from the group owner ...

Because of yahoo's senseless and idiotic conversion of groups to the Neo format, I will be closing this group in the near future.

73
Jim N6OTQ

1135. Re: [atlas_radio] Group will be closed soon

Yahoo group: atlas_radio
Date: 2013-11-14 18:03:16 UTC
From: Albert Woodhull
Topic: 1133 Message: 1135

I am sorry to hear about your decision. I agree that Yahoo has really screwed up their groups (and e-mail too).
Has anyone considered taking on the group, or do you know if anyone is thinking of archiving the contents?

I have to say, I have not made any use of my 210 for quite a few years, but I still have it on the shelf and I have always thought that when the time came to retire I would start playing with it again - and indeed that time has come. I used my Atlas extensively in the 1990s when I was working in Central America and wanted a reliable, uncomplicated and inexpensive radio for staying in touch with home.

Thank you for what you have done in the past, 73,

Al, N1AW

Albert S. Woodhull
Leyden, Massachusetts
413-773-3522 (h)
413-348-1932 (c)

From: "n6otq@yahoo.com" <n6otq@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, November 14, 2013 12:34 PM
Subject: [atlas_radio] Group will be closed soon

A message from the group owner ...

Because of yahoo's senseless and idiotic conversion of groups to the Neo format, I will be closing this group in the near future.

73
Jim N6OTQ

1136. Re: [atlas_radio] Group will be closed soon

Yahoo group: atlas_radio
Date: 2013-11-14 18:05:47 UTC
From: Dennis
Topic: 1133 Message: 1136

I can't say that I blame you. You really think yahoo will get the message? Is there any way that the information contained in the group archives can be saved?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpackF;Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

>_____
> From: "n6otq@..." <n6otq@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, November 14, 2013 11:34 AM
>Subject: [atlas_radio] Group will be closed soon
>
>
>
>
>A message from the group owner ...
>
>Because of yahoo's senseless and idiotic conversion of groups to the Neo format, I will be closing this group in the near future.
>
>73
>Jim N6OTQ
>
>
>

1137. Re: [atlas_radio] Group will be closed soon

Yahoo group: atlas_radio
Date: 2013-11-14 18:31:13 UTC
From: Jim
Topic: 1133 Message: 1137

Hi

You should download all the files, if you care to. I've already done so ... and I'm re-vamping my personal backup system so that I'll have them. As far as the information stored in the messages, that was lost forever the moment yahoo pulled the plug on "Classic."

This serves as a perfect example of why "cloud" computing is a stupid idea. You are always at the mercy of your service provider.

73
Jim N6OTQ

>_________________________________
> From: Dennis <spike.dennis@...>
>To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
>Sent: Thursday, November 14, 2013 12:05 PM
>Subject: Re: [atlas_radio] Group will be closed soon
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>
>I can't say that I blame you. You really think yahoo will get the message? Is there any way that the information contained in the group archives can be saved?
>
>
>Dennis Starks
>Military-Radio-Guy
>KBØSFP
>HFpack/Milpack Monitor(all USB):
>3996, 5357, 7296, 14342.5, 18157.5
>
>
>
>>_________________________________
>> From: "n6otq@..." <n6otq@yahoo.com>
>>To: atlas_radio@yahoogroups.com
>>Sent: Thursday, November 14, 2013 11:34 AM
>>Subject: [atlas_radio] Group will be closed soon
>>
>>
>>
>>

>>A message from the group owner ...
>>
>>Because of yahoo's senseless and idiotic conversion of groups to the Neo format, I will be closing this group in the near future.
>>
>>73
>>Jim N6OTQ
>>

1138. closing

Yahoo group: atlas_radio
Date: 2013-11-14 18:46:31 UTC
From: john lavalle
Topic: 1138 Message: 1138

Shame - I don't understand Yahoo either - ruined the format.

1139. Re: [atlas_radio] closing

Yahoo group: atlas_radio
Date: 2013-11-14 19:07:00 UTC
From: Jim
Topic: 1138 Message: 1139

AND ignored thousands of complaints from loyal users.

AND released untested, buggy software with literally hundreds of features missing or broken.

Sounds like Obamacare. Except that somebody has finally apologized for Obamacare.

73
Jim N6OTQ

>_____
> From: john lavalle <jjlaval@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, November 14, 2013 12:46 PM
>Subject: [atlas_radio] closing
>
>
>Shame - I don't understand Yahoo either - ruined the format.
>

1140. Re: [atlas_radio] Group will be closed soon

Yahoo group: atlas_radio
Date: 2013-11-14 19:38:33 UTC
From: Clint
Topic: 1133 Message: 1140

Don’t forget that the Yahoo group Atlas210X-215X has about the same file content as this group. However, the forum postings are invaluable in trying to resolve problems.

From: Jim
Sent: Thursday, November 14, 2013 11:31 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Group will be closed soon

Hi

You should download all the files, if you care to. I've already done so ... and I'm re-vamping my personal backup system so that I'll have them. As far as the information stored in the messages, that was lost forever the moment yahoo pulled the plug on "Classic."

This serves as a perfect example of why "cloud" computing is a stupid idea. You are always at the mercy of your service provider.

73
Jim N6OTQ

From: Dennis <spike.dennis@...>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Thursday, November 14, 2013 12:05 PM
Subject: Re: [atlas_radio] Group will be closed soon

I can't say that I blame you. You really think yahoo will get the message? Is there any way that the information contained in the group archives can be saved?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

From: "n6otq@..." <n6otq@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, November 14, 2013 11:34 AM
Subject: [atlas_radio] Group will be closed soon

A message from the group owner ...

Because of yahoo's senseless and idiotic conversion of groups to the Neo format, I will be closing this group in the near future.

73
Jim N6OTQ

1141. RE: closing

Yahoo group: atlas_radio
Date: 2013-11-14 20:42:49 UTC
From: <critch711@...>
Topic: 1138 Message: 1141

Man I really hate to see it go, I just got here.
I was hoping to use the information from the improvements PDF
and do some group buying following all that Great advise.
Have not really had time to digest it all yet or read the messages.

Is google groups any better ?
Larry/WS3Z

---In atlas_radio@yahoogroups.com, <n6otq@...> wrote:

AND ignored thousands of complaints from loyal users.

AND released untested, buggy software with literally hundreds of features missing or broken.

Sounds like Obamacare. Except that somebody has finally apologized for Obamacare.

73
Jim N6OTQ

From: john lavalle <jjlaval@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, November 14, 2013 12:46 PM
Subject: [atlas_radio] closing

Shame - I don't understand Yahoo either - ruined the format.

1142. Re: [atlas_radio] RE: closing

Yahoo group: atlas_radio
Date: 2013-11-14 20:49:54 UTC
From: qrv@kd4e.com
Topic: 1138 Message: 1142

Clint wrote that the Yahoo group Atlas210X-215X will still
be active.

Nothing Google is better ... IMHO ... ;-)

> Man I really hate to see it go, I just got here.
>
> I was hoping to use the information from the improvements PDF
>
> and do some group buying following all that Great advise.
>
> Have not really had time to digest it all yet or read the messages.
>
>
> Is google groups any better ?
>
> Larry/WS3Z

--

Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

1143. Re: [atlas_radio] Group will be closed soon

Yahoo group: atlas_radio
Date: 2013-11-14 21:54:39 UTC
From: Allan Chandler
Topic: 1133 Message: 1143

Hi Jim and all. I have not used the group much but do have an Atlas 210 Limited Edition and I have found it very useful. If anyone is interested I don't have a problem with a couple of groups that I belong to on Google Groups and I am quite willing to start the group up on their. If you are interested let me know and I will go ahead with it and if someone can forward the docs from here to me I will see that they are placed in the new group.
It is sad when this happens but my honest opinion is that google groups is far better than the yahoo set up and quite a few groups have changed over to google.

73 de Allan ZL2SKY.

On 15/11/2013 6:34 a.m., n6otq@... wrote:
>
> A message from the group owner ...
>
> Because of yahoo's senseless and idiotic conversion of groups to the
> Neo format, I will be closing this group in the near future.
>
> 73
> Jim N6OTQ
>
>

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1144. Re: [atlas_radio] Group will be closed soon

Yahoo group: atlas_radio
Date: 2013-11-14 22:22:42 UTC
From: Jim
Topic: 1133 Message: 1144

Allan,

You have my blessing to set up a group on google and advertise it here, and also move any and all files on here.

73
Jim N6OTQ

>_____
> From: Allan Chandler <hamradiofella@...>
>To: atlas_radio@yahoogroups.com
>Sent: Thursday, November 14, 2013 3:54 PM
>Subject: Re: [atlas_radio] Group will be closed soon
>
>
>
>
>
>
>Hi Jim and all. I have not used the group much but do have an Atlas 210 Limited Edition and I have found it very useful. If anyone is interested I don't have a problem with a couple of groups that I belong to on Google Groups and I am quite willing to start the group up on their. If you are interested let me know and I will go ahead with it and if someone can forward the docs from here to me I will see that they are placed in the new group.
>It is sad when this happens but my honest opinion is that google groups is far better than the yahoo set up and quite a few groups have changed over to google.
>
>73 de Allan ZL2SKY.
>
>
>
>On 15/11/2013 6:34 a.m., n6otq@... wrote:
>
>
>>A message from the group owner ...
>>
>>Because of yahoo's senseless and idiotic conversion of groups to the Neo format, I will be closing this group in the near future.
>>
>>73
>>Jim N6OTQ
>

>
>

1145. Re: [atlas_radio] Group will be closed soon

Yahoo group: atlas_radio
Date: 2013-11-14 22:55:18 UTC
From: Allan Chandler
Topic: 1133 Message: 1145

Many thanks Jim and also thanks for the time and effort you have put
into the group on here.

Ok I have set up the basics on Google Groups so anyone who would like to
join up please visit the new group on:
https://groups.google.com/d/forum/atlas-radio

It may take me a little while to get everything sorted but please be
patient and I will confirm membership applications when I can.

73 de Allan Chandler ZL2SKY.

On 15/11/2013 11:22 a.m., Jim wrote:
> Allan,
>
> You have my blessing to set up a group on google and advertise it
> here, and also move any and all files on here.
>
> 73
> Jim N6OTQ
>
>
> ----------
> *From:* Allan Chandler <hamradiofella@...>
> *To:* atlas_radio@yahoogroups.com
> *Sent:* Thursday, November 14, 2013 3:54 PM
> *Subject:* Re: [atlas_radio] Group will be closed soon
>
>
>
> Hi Jim and all. I have not used the group much but do have an
> Atlas 210 Limited Edition and I have found it very useful. If
> anyone is interested I don't have a problem with a couple of
> groups that I belong to on Google Groups and I am quite willing to
> start the group up on their. If you are interested let me know and
> I will go ahead with it and if someone can forward the docs from
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> groups is far better than the yahoo set up and quite a few groups
> have changed over to google.
>
> 73 de Allan ZL2SKY.
>
>
> On 15/11/2013 6:34 a.m., n6otq@... <mailto:n6otq@...>
> wrote:

>> A message from the group owner ...
>>
>> Because of yahoo's senseless and idiotic conversion of groups to
>> the Neo format, I will be closing this group in the near future.
>>
>> 73
>> Jim N6OTQ
>
>
>
>

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1146. Re: [atlas_radio] RE: closing

Yahoo group: atlas_radio
Date: 2013-11-14 23:31:06 UTC
From: JACK BREWER
Topic: 1138 Message: 1146

I also hate to see the group go. BUT if Yahoo won't listen with any intelligence, then it is time to leave and maybe go to Google untill they screw up. I personally have all the Atlas models and multiple of some models. I really like my Atlas rigs and have the 180, 210, 215 350, and the only 400X that left the factory in working order with the 310 power supply and console plus the external VFO. Many thanks to all my friends here on Yahoo and we will meet again on Google.This I'm sure will be suicide for Yahoo as many other groups will also be leaving. Thanks again everyone and will see you on Google. 73's for now.
Jack
WA3VZK

From: "qrv@..." <qrv@...>
To: atlas_radio@yahoogroups.com
Sent: Thursday, November 14, 2013 3:49 PM
Subject: Re: [atlas_radio] RE: closing

Clint wrote that the Yahoo group Atlas210X-215X will still
be active.

Nothing Google is better ... IMHO ... ;-)

> Man I really hate to see it go, I just got here.
>
> I was hoping to use the information from the improvements PDF
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> and do some group buying following all that Great advise.
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> Have not really had time to digest it all yet or read the messages.
>
>
> Is google groups any better ?
>
> Larry/WS3Z

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Thanks! & 73, KD4E.com

David Colburn - Nevils, Georgia USA

Search with: duckduckgo.com

Android for Hams: groups.yahoo.com/group/hamdroid
Creative Tech: groups.yahoo.com/group/ham-macguyver
Raspi Alternative: groups.yahoo.com/group/beagleboneblack/

Restored to design-spec at Heaven's gate 1Cor15:22

1147. RE: [atlas_radio] Group will be closed soon

Yahoo group: atlas_radio
Date: 2013-11-15 00:26:19 UTC
From: MIKE DURKIN
Topic: 1133 Message: 1147

ok ..

iv not used the actual group page in soooooo long i don't know what the issues are ...

Mike KC7NOA

To: atlas_radio@yahoogroups.com
From: n6otq@...
Date: Thu, 14 Nov 2013 09:34:20 -0800
Subject: [atlas_radio] Group will be closed soon

A message from the group owner ...

Because of yahoo's senseless and idiotic conversion of groups to the Neo format, I will be closing this group in the near future.

73
Jim N6OTQ

1148. Re: [atlas_radio] Group will be closed soon

Yahoo group: atlas_radio
Date: 2013-11-15 03:39:04 UTC
From: Neil Sundal
Topic: 1133 Message: 1148

Thanks Alan! I was hoping for some alternative group. Lots of time and effort has gone into all those files and it would be a shame if they were lost. I also have an Atlas 210 Limited Edition and love to keep up with all the mods and fixes. My 210LE is in pristine condition and it stands a better chance of staying that way with help from the group if needed.

Neil
KE2GQ

On Thursday, November 14, 2013 7:26 PM, MIKE DURKIN <Patriot121@...> wrote:

ok ..

iv not used the actual group page in soooooo long i don't know what the issues are ...

Mike KC7NOA

To: atlas_radio@yahoogroups.com
From: n6otq@...
Date: Thu, 14 Nov 2013 09:34:20 -0800
Subject: [atlas_radio] Group will be closed soon

A message from the group owner ...

Because of yahoo's senseless and idiotic conversion of groups to the Neo format, I will be closing this group in the near future.

73
Jim N6OTQ

1149. New Atlas Group

Yahoo group: atlas_radio
Date: 2013-11-16 02:30:14 UTC
From: Allan Chandler
Topic: 1149 Message: 1149

Hi Folks, just a small reminder to let you all know that I have created the Atlas Radio group on the Google Groups platform. If you would like to join please visit the group at: http://groups.google.com/d/forum/atlas-radio and register and I will get you all approved as soon as I can.

Many thanks to Jim N6OTQ for the time and effort he has put in on the group here and I wish him all the best for the future.

I do not know what has happened to the Yahoo Groups but I have only two email address' that I use and for some reason every time I try and log into Yahoo it won't let me and keeps asking me if I want to register for a new account. So because of this happening I am unable to get logged-in to get copies of files that have been posted to the group to transfer over to the new group. If anyone else is able to get in and grab the files and put them on the new group before Jim removes this group it would be appreciated as I would not like to see them go off into the nether world.

73 de Allan Chandler ZL2SKY.

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1150. Re: [atlas_radio] Group will be closed soon

Yahoo group: atlas_radio
Date: 2013-11-19 16:40:02 UTC
From: Giuli Lanto
Topic: 1133 Message: 1150

Thank you very much for everything, Jim!!

Giuliano IV3DLW

On Thursday, November 14, 2013 6:54 PM, "Stroppel, Galo J" <galo-stroppel@...> wrote:

Thanks Jim for all the work
John
WA0VYZ
"n6otq@..." wrote:

A message from the group owner ...

Because of yahoo's senseless and idiotic conversion of groups to the Neo format, I will be closing this group in the near future.

73
Jim N6OTQ

1151. RE: Group will be closed soon

Yahoo group: atlas_radio
Date: 2013-11-25 18:13:34 UTC
From: <g4fph@...>
Topic: 1133 Message: 1151

Jim,

Just to add my thanks for starting and running the group. It's served us all well and I look forward to trying and Google-based successor.

Regards,

Mark, G4FPH.

---In atlas_radio@yahoogroups.com, <n6otq@...> wrote:

A message from the group owner ...

Because of yahoo's senseless and idiotic conversion of groups to the Neo format, I will be closing this group in the near future.

73
Jim N6OTQ

1153. Atlas 210X Limited Edition

Yahoo group: atlas_radio
Date: 2014-04-08 06:18:54 UTC
From: <n0czv@...>
Topic: 1153 Message: 1153

Hello!

I have been hunting all over for information on the Atlas 210X Limited Edition - looking for a manual and information on revisions. Other than bits and pieces, the best source of information that I have found is right here in the Files section. The Atlas 210X & 215X Radios Engineering Improvements by ZL1UJG and W7KEC is the most encompassing information that I have found. I'm glad that there is still interest in these radios!

What I have been reading so far should help me with a carrier balance issue - probably a combination of alignment, out of tolerance capacitors and mismatched mixer diodes. Parts are on order.....

73,
Steve, N0CZV
Attica, Ohio

1154. New members

Yahoo group: atlas_radio
Date: 2014-05-09 16:54:53 UTC
From: jim.strohm@...
Topic: 1154 Message: 1154

In a break from tradition, I'd like to welcome the new members who've joined this week and I invite them to introduce themselves to the group, should they so desire.

A few months ago I was seriously considering disbanding this group because of the dreadful degradations that yahoo had made to all the groups. However, I see now that in spite of the worst abuse that yahoo can throw away, some hams still persevere, and keep finding their way here.

I guess it's part of that 100+ year amateur tradition to always get through.

So this group's staying put.

73
Jim N6OTQ

group owner

1155. RE: [atlas_radio] New members

Yahoo group: atlas_radio
Date: 2014-05-09 18:09:40 UTC
From: Gary H. Harmon, Jr.
Topic: 1154 Message: 1155

Thanks Jim for the welcome.

K5JWK here. Ham since 1957 and Extra Class. Moderate several Yahoo groups including Heathkit and HAM-Antennas. Retired AF civil servant after 40.5 years.

I also have a large loaner library of manuals, catalogues and assorted documentation.

I have a 180, two 210X, a 215X, AC consoles, mobile mounts and a RX-110/TX-110 pair.

73,

Gary H. Harmon, Jr. - K5JWK - Radio Archaeologist

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c/t

"Real Radios Glow In the Dark"

"Too Many Projects, Not Enough Time"

http://www.grissomroadcoc.org

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Friday, May 09, 2014 11:55 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] New members

In a break from tradition, I'd like to welcome the new members who've joined this week and I invite them to introduce themselves to the group, should they so desire.

A few months ago I was seriously considering disbanding this group because of the dreadful degradations that yahoo had made to all the groups. However, I see now that in spite of the worst abuse that yahoo can throw away, some hams still persevere, and keep finding their way here.

I guess it's part of that 100+ year amateur tradition to always get through.

So this group's staying put.

73

Jim N6OTQ

group owner

1156. Re: [atlas_radio] New members

Yahoo group: atlas_radio
Date: 2014-05-09 18:26:00 UTC
From: Jim Strohm
Topic: 1154 Message: 1156

Gary, you're welcome.

If you see in the files section that you have anything Atlas-related that I am missing (maybe scans of all those bikini girls with bicycles sporting Atlas rigs on the handlebars), feel free to add it.

And -- I am right up the road in Austin.

Is it raining there yet?

73
Jim N6OTQ

On Fri, May 9, 2014 at 1:09 PM, 'Gary H. Harmon, Jr.' gharmon@idworld.net[atlas_radio] <atlas_radio@yahoogroups.com> wrote:

>
>
> Thanks Jim for the welcome.
>
>
>
> K5JWK here. Ham since 1957 and Extra Class. Moderate several Yahoo
> groups including Heathkit and HAM-Antennas. Retired AF civil servant after
> 40.5 years.
>
>
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>
>
> I have a 180, two 210X, a 215X, AC consoles, mobile mounts and a
> RX-110/TX-110 pair.
>
>
>
> 73,
>
>
>
> Gary H. Harmon, Jr. - K5JWK - Radio Archaeologist
>
> 6003 Archwood

>
> San Antonio, TX 78239-1504
>
> 210.657.1549h / 210.884.6926c/t
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>
> http://www.grissomroadcoc.org
>
>
>
>
>
> *From:* atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
> *Sent:* Friday, May 09, 2014 11:55 AM
> *To:* atlas_radio@yahoogroups.com
> *Subject:* [atlas_radio] New members
>
>
>
>
>
> In a break from tradition, I'd like to welcome the new members who've
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>
> I guess it's part of that 100+ year amateur tradition to always get
> through.
>
>
>
> So this group's staying put.
>
>
>
> 73
>

> Jim N6OTQ
>
> group owner
>
>
>
>
>

1157. RE: [atlas_radio] New members

Yahoo group: atlas_radio
Date: 2014-05-09 18:35:09 UTC
From: Gary H. Harmon, Jr.
Topic: 1154 Message: 1157

No rain here yet Jim. Lots of blustery wind but no wetness yet. It's in the forecast so maybe it's still to come. No girl on bicycles with Atlas radios. Sorry.

Gary H. Harmon, Jr. - K5JWK - Radio Archaeologist

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c/t

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"Too Many Projects, Not Enough Time"

http://www.grissomroadcoc.org

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Friday, May 09, 2014 1:26 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] New members

Gary, you're welcome.

If you see in the files section that you have anything Atlas-related that I am missing (maybe scans of all those bikini girls with bicycles sporting Atlas rigs on the handlebars), feel free to add it.

And -- I am right up the road in Austin.

Is it raining there yet?

73

Jim N6OTQ

On Fri, May 9, 2014 at 1:09 PM, 'Gary H. Harmon, Jr.' gharmon@...t [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

Thanks Jim for the welcome.

K5JWK here. Ham since 1957 and Extra Class. Moderate several Yahoo groups including Heathkit and HAM-Antennas. Retired AF civil servant after 40.5 years.

I also have a large loaner library of manuals, catalogues and assorted documentation.

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From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Friday, May 09, 2014 11:55 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] New members

In a break from tradition, I'd like to welcome the new members who've joined this week and I invite them to introduce themselves to the group, should they so desire.

A few months ago I was seriously considering disbanding this group because of the dreadful degradations that yahoo had made to all the groups. However, I see now that in spite of the worst abuse that yahoo can throw away, some hams still persevere, and keep finding their way here.

I guess it's part of that 100+ year amateur tradition to always get through.

So this group's staying put.

73

Jim N6OTQ

group owner

1158. Re: New members

Yahoo group: atlas_radio
Date: 2014-05-09 20:16:09 UTC
From: kl7hqk@...
Topic: 1154 Message: 1158

Bill, KL7HQK. I have a couple of 210x. Use older gear as a rule.

1159. Re: New members

Yahoo group: atlas_radio
Date: 2014-05-09 20:27:06 UTC
From: pedro alicea
Topic: 1154 Message: 1159

HELLO TO ALL ..PEDRO WY4A ONLY HAVE 2 ATLAS RADIOS...A RX110 SPECIAL AND A 210X LIMITED EDITION LOVE THESE RIGS...GLAD THE GROUP IS STILL AROUND 73

1160. 210x low transmit output

Yahoo group: atlas_radio
Date: 2014-05-09 20:34:28 UTC
From: kl7hqk@...
Topic: 1160 Message: 1160

I replaced a pair of shorted final transistors in this 210x (MRF453 from RF parts), as the originals were no longer useable (shorted). While the new parts solved that problem, the transmitter only puts out 20 watts max now and that only on 40 meters, the rest of the bands being lower. I have also replace the pre-driver and driver transistors with no success. Nothing on the PA appears to be burned. The receiver works normally.This radio does not have trimmer caps for 80 and 40 on the transmit filter board so I use these bands for testing.

Any help would be appreciated, including what should be expected for signal levels from the pre-driver and driver. Thanks. Bill, KL7HQK

1161. Re: [atlas_radio] 210x low transmit output

Yahoo group: atlas_radio
Date: 2014-05-09 21:07:34 UTC
From: Clint
Topic: 1160 Message: 1161

Seems that I recall that the MRF453s are not a good replacement for the 210X radio. The normal replacement is the MRF454 and they are still available for different sources. A good substitute for the 454 is the SD1405. There is a seller in AZ that has them for about $50 for a matched pair.

If you use the 454 or the SD1405 PAs, you will need to add one turn of wire to the output transformer. I have a set of 1405s in my 210X and the output power went up to about 120 watts on 80 – 15M. I cut it back to 100 watts to keep the 3rd order IMD products low.

Of course, your PAs could be OK and there is a separate problem on the PA board. Are you able to adjust the PA idle current OK?

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Friday, May 09, 2014 1:34 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] 210x low transmit output

I replaced a pair of shorted final transistors in this 210x (MRF453 from RF parts), as the originals were no longer useable (shorted). While the new parts solved that problem, the transmitter only puts out 20 watts max now and that only on 40 meters, the rest of the bands being lower. I have also replace the pre-driver and driver transistors with no success. Nothing on the PA appears to be burned. The receiver works normally.This radio does not have trimmer caps for 80 and 40 on the transmit filter board so I use these bands for testing.

Any help would be appreciated, including what should be expected for signal levels from the pre-driver and driver. Thanks. Bill, KL7HQK

1162. Re: [atlas_radio] 210x low transmit output

Yahoo group: atlas_radio
Date: 2014-05-09 21:10:32 UTC
From: Jim Strohm
Topic: 1160 Message: 1162

Here's a hint -- the original CDC finals were similar to MRF455. You should (if you can find it) consult the Motorola RF Databook to see whether the '453s want to see the same input/output impedance as the '455s. You may need to make a relatively straightforward mod to the input/output transformers to adjust the turns ratio. This subject is discussed at length in the apps notes in most of the older RF Databooks.

I am not an expert on all the MOT RF devices, and I don't know where all my MOT databooks are, but I don't recall a '453. Given that there is so much widespread counterfeiting of semiconductors nowadays, especially devices coming from China ...

Let me ask you this. Those components you got from RF Parts. What is the date code, who is the labeled manufacturer, andf what provenance did RF parts give you to ensure that the devices were genuine?

73
Jim N6OTQ

PS -- I think I still have two matched pairs of '455s, one pair of each case style, NOS from the 1980s. They're available for $200 a pair. Obviously I have no interest in selling them ;) but eventually somebody will need them badly enough.

PPS -- MOT-labeled or MOT-numbered finals are NOT the only devices out there, and the newer FETs can easily be adapted to work if they employ the same case style.

On Fri, May 9, 2014 at 3:34 PM, kl7hqk@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

>
>
> I replaced a pair of shorted final transistors in this 210x (MRF453 from
> RF parts), as the originals were no longer useable (shorted). While the new
> parts solved that problem, the transmitter only puts out 20 watts max now
> and that only on 40 meters, the rest of the bands being lower. I have also
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> the PA appears to be burned. The receiver works normally.This radio does
> not have trimmer caps for 80 and 40 on the transmit filter board so I use
> these bands for testing.
>
> Any help would be appreciated, including what should be expected for
> signal levels from the pre-driver and driver. Thanks. Bill, KL7HQK
>

1163. Re: [atlas_radio] New members

Yahoo group: atlas_radio
Date: 2014-05-09 22:29:58 UTC
From: wein mann
Topic: 1154 Message: 1163

Thank you for keeping the Group here

73's

Mike

N7CZR

On Friday, May 9, 2014 1:19 PM, "'Gary H. Harmon, Jr.' gharmon@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

Thanks Jim for the welcome.

K5JWK here. Ham since 1957 and Extra Class. Moderate several Yahoo groups including Heathkit and HAM-Antennas. Retired AF civil servant after 40.5 years.

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I have a 180, two 210X, a 215X, AC consoles, mobile mounts and a RX-110/TX-110 pair.

73,

Gary H. Harmon, Jr. - K5JWK - Radio Archaeologist
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From:atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Friday, May 09, 2014 11:55 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] New members

In a break from tradition, I'd like to welcome the new members who've joined this week and I invite them to introduce themselves to the group, should they so desire.

A few months ago I was seriously considering disbanding this group because of the dreadful degradations that yahoo had made to all the groups. However, I see now that in spite of the worst abuse that yahoo can throw away, some hams still persevere, and keep finding their way here.

I guess it's part of that 100+ year amateur tradition to always get through.

So this group's staying put.

73
Jim N6OTQ
group owner

1164. Re: [atlas_radio] 210x low transmit output

Yahoo group: atlas_radio
Date: 2014-05-09 23:20:36 UTC
From: Bill Dammeyer
Topic: 1160 Message: 1164

Thanks for all the replies. The 453 is a replacement for the original ctc co2545. The engineer at RF parts worked at Atlas and is familiar with this situation and had me check a few things to be sure they were okay and balanced (they are MRF453MP). I also talked to a retired tech that was with Atlas and he seemed to think the 453 was a good replacement. If anyone knows what signal levels would be measured at the output of the pre-driver and driver transistors, that would take a lot of the guess work out of this for me as it would help locate where the power is being lost (or not generated from). Bill, KL7HQK

On Friday, May 9, 2014 1:10 PM, "Jim Strohm jim.strohm@gmail.com [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

Here's a hint -- the original CDC finals were similar to MRF455. You should (if you can find it) consult the Motorola RF Databook to see whether the '453s want to see the same input/output impedance as the '455s. You may need to make a relatively straightforward mod to the input/output transformers to adjust the turns ratio. This subject is discussed at length in the apps notes in most of the older RF Databooks.

I am not an expert on all the MOT RF devices, and I don't know where all my MOT databooks are, but I don't recall a '453. Given that there is so much widespread counterfeiting of semiconductors nowadays, especially devices coming from China ...

Let me ask you this. Those components you got from RF Parts. What is the date code, who is the labeled manufacturer, andf what provenance did RF parts give you to ensure that the devices were genuine?

73
Jim N6OTQ

PS -- I think I still have two matched pairs of '455s, one pair of each case style, NOS from the 1980s. They're available for $200 a pair. Obviously I have no interest in selling them ;) but eventually somebody will need them badly enough.

PPS -- MOT-labeled or MOT-numbered finals are NOT the only devices out there, and the newer FETs can easily be adapted to work if they employ the same case style.

On Fri, May 9, 2014 at 3:34 PM, kl7hqk@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

>
>
>I replaced a pair of shorted final transistors in this 210x (MRF453 from RF parts), as the originals were no longer useable (shorted). While the new parts solved that problem, the transmitter only puts out 20 watts max now and that only on 40 meters, the rest of the bands being lower. I have also replace the pre-driver and driver transistors with no success. Nothing on the PA appears to be burned. The receiver works normally.This radio does not have trimmer caps for 80 and 40 on the transmit filter board so I use these bands for testing.

>
>Any help would be appreciated, including what should be expected for signal levels from the pre-driver and driver. Thanks. Bill, KL7HQK
>

1165. Re: [atlas_radio] 210x low transmit output

Yahoo group: atlas_radio
Date: 2014-05-10 00:24:46 UTC
From: Jim Strohm
Topic: 1160 Message: 1165

Hi Bill

As a general rule of thumb, for HF RF transistors, assume gain of 10 to 13 dB. At 10 dB, a 100 watt-class final would see 10 watts drive. At 13 dB, this would be 4 or 5 watts drive. So you'd need to see at least 2 or 3 to 4 or 5 watts for decent output.

Remember that the PS won't give much more juice than will produce around 100W CW out, so over-driving or installing oversized finals is pointless.

Here's a BIG issue -- the driver transistor is NLA. A couple of years ago, Dan's Small Parts had a same-case similar device. These are probably gone now, but it's worth checking anyway. I'd give you Dan's P/N but I'm still unpacking from my move and the cabinet w/ those parts is buried way deep. If you know what the driver looks like, you'll recognize it.

Now, there's enough heatsink real estate to fit a TO-220 replacement, and this has been done successfully in the past. Used to be, you could use a CB final, but those are another heavily counterfeited device these days. So one of the newer FETs, perhaps the RD16HHF1 or its smaller cousin (whose part number is not available to me right now), might work. Remember that you're looking for 10 to 13 dB gain per stage or thereabouts, AND a physical fit on the device(s). So you won't need to match the max device outputs, just be close on the gain and the input/out impedances. And the latter can be adjusted by re-winding the input/output transformers.

It would be of great value to the Atlas community if somebody were to develop a driver/final replacement procedure using modern devices that don't cost an arm and a leg.

73
Jim N6OTQ

On Fri, May 9, 2014 at 6:20 PM, Bill Dammeyer kl7hqk@...[atlas_radio] <atlas_radio@yahoogroups.com> wrote:

>
>
> Thanks for all the replies. The 453 is a replacement for the original ctc
> co2545. The engineer at RF parts worked at Atlas and is familiar with this
> situation and had me check a few things to be sure they were okay and
> balanced (they are MRF453MP). I also talked to a retired tech that was with
> Atlas and he seemed to think the 453 was a good replacement. If anyone
> knows what signal levels would be measured at the output of the pre-driver
> and driver transistors, that would take a lot of the guess work out of this
> for me as it would help locate where the power is being lost (or not
> generated from). Bill, KL7HQK

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> devices coming from China ...
>
> Let me ask you this. Those components you got from RF Parts. What is the
> date code, who is the labeled manufacturer, andf what provenance did RF
> parts give you to ensure that the devices were genuine?
>
> 73
> Jim N6OTQ
>

1166. Thanks

Yahoo group: atlas_radio
Date: 2014-05-10 00:31:24 UTC
From: k7sgj@...
Topic: 1166 Message: 1166

Thanks Jim for deciding to keep this alive. There is a wealth of information here, that benefits anyone who owns the Atlas equipment. I have 8 or 9 of them that I am restoring, and plan to sell a few and keep a few. As you aptly stated, the tradition of ham radio will outweigh anything Yahoo can toss at it.

I am in the process of preparing some information in the RF chain taken with an RF probe, and with a Fluke Scopemeter. I'll post the information when I complete and verify it's accuracy. I think it might help others troubleshooting low RF output problems. Details to follow, film at ten.

Thanks again.
Eddie
K7SGJ

1167. RE: [atlas_radio] 210x low transmit output

Yahoo group: atlas_radio
Date: 2014-05-10 01:06:37 UTC
From: Peter Schuch
Topic: 1160 Message: 1167

I can only add that I was successful using a 2SC799 for the driver in my 210X. This was a common CB transistor in the 70’s. I replaced the finals as well at the same time and bought them from RFP parts years ago(20 years ago I suspect) so I am sure that part was covered here already. For me the 210X is a back-up sort of rig. Thanks for this FORUM!!

73

WB2UAQ

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Friday, May 9, 2014 8:25 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] 210x low transmit output

Hi Bill

As a general rule of thumb, for HF RF transistors, assume gain of 10 to 13 dB. At 10 dB, a 100 watt-class final would see 10 watts drive. At 13 dB, this would be 4 or 5 watts drive. So you'd need to see at least 2 or 3 to 4 or 5 watts for decent output.

Remember that the PS won't give much more juice than will produce around 100W CW out, so over-driving or installing oversized finals is pointless.

Here's a BIG issue -- the driver transistor is NLA. A couple of years ago, Dan's Small Parts had a same-case similar device. These are probably gone now, but it's worth checking anyway. I'd give you Dan's P/N but I'm still unpacking from my move and the cabinet w/ those parts is buried way deep. If you know what the driver looks like, you'll recognize it.

Now, there's enough heatsink real estate to fit a TO-220 replacement, and this has been done successfully in the past. Used to be, you could use a CB final, but those are another heavily counterfeited device these days. So one of the newer FETs, perhaps the RD16HHF1 or its smaller cousin (whose part number is not available to me right now), might work. Remember that you're looking for 10 to 13 dB gain per stage or thereabouts, AND a physical fit on the device(s). So you won't need to match the max device outputs, just be close on the gain and the input/out impedances. And the latter can be adjusted by re-winding the input/output transformers.

It would be of great value to the Atlas community if somebody were to develop a driver/final replacement procedure using modern devices that don't cost an arm and a leg.

73

Jim N6OTQ

On Fri, May 9, 2014 at 6:20 PM, Bill Dammeyer kl7hqk@... <mailto:kl7hqk@...> [atlas_radio] <atlas_radio@yahoogroups.com <mailto:atlas_radio@yahoogroups.com> > wrote:

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On Friday, May 9, 2014 1:10 PM, "Jim Strohm jim.strohm@... <mailto:jim.strohm@...> [atlas_radio]" <atlas_radio@yahoogroups.com <mailto:atlas_radio@yahoogroups.com> > wrote:

Here's a hint -- the original CDC finals were similar to MRF455. You should (if you can find it) consult the Motorola RF Databook to see whether the '453s want to see the same input/output impedance as the '455s. You may need to make a relatively straightforward mod to the input/output transformers to adjust the turns ratio. This subject is discussed at length in the apps notes in most of the older RF Databooks.

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73

Jim N6OTQ

[Non-text portions of this message have been removed]

1168. RE: [atlas_radio] 210x low transmit output

Yahoo group: atlas_radio
Date: 2014-05-10 01:23:11 UTC
From: Peter Schuch
Topic: 1160 Message: 1168

Bill

No doubt there will be a need to go to power MOSFETs. I have been at Harris for 12 years now and see transmitters that go back maybe 10 years before I started. Not one of them uses bipolar transistors going back that far.

None of this stuff runs on 13.8V…..all 28V.

73

Pete

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Friday, May 9, 2014 8:25 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] 210x low transmit output

Hi Bill

As a general rule of thumb, for HF RF transistors, assume gain of 10 to 13 dB. At 10 dB, a 100 watt-class final would see 10 watts drive. At 13 dB, this would be 4 or 5 watts drive. So you'd need to see at least 2 or 3 to 4 or 5 watts for decent output.

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73

Jim N6OTQ

[Non-text portions of this message have been removed]

1169. Re: [atlas_radio] New members

Yahoo group: atlas_radio
Date: 2014-05-10 03:18:30 UTC
From: Theodore Peckler
Topic: 1154 Message: 1169

Thank you for keeping the group alive. I just acquired my 1st Atlas a 180. I have made a couple of minor repairs, but so far so good. The bad news I got it from that do not buy from guy, got it off the flee bag sales, where you don't know who your buying from till it's a done deal. Long story short not a bad little rig, all the red seal is still where it should be, no golden screw driver signs that I can tell. it came with a broken wire in the PA section, and the bias setting will need to be adjusted with an external meter.

thanks KI6WIK. Ted

Sent from my iPhone

> On May 9, 2014, at 9:54 AM, "jim.strohm@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:
>
> In a break from tradition, I'd like to welcome the new members who've joined this week and I invite them to introduce themselves to the group, should they so desire.
>
>
>
> A few months ago I was seriously considering disbanding this group because of the dreadful degradations that yahoo had made to all the groups. However, I see now that in spite of the worst abuse that yahoo can throw away, some hams still persevere, and keep finding their way here.
>
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> I guess it's part of that 100+ year amateur tradition to always get through.
>
>
>
> So this group's staying put.
>
>
>
> 73
>
> Jim N6OTQ
>
> group owner
>
>

1170. Atlas 215x

Yahoo group: atlas_radio
Date: 2014-05-11 05:39:56 UTC
From: Ioan Rogojan
Topic: 1170 Message: 1170

Hi

In my Atlas 215x transistors on PA are defective, they were sd1446 if someone recommend me what type of transistors to use, to keep the sd1446 or other better.

Thanks

Nelu

YO5PTH

1171. RE: [atlas_radio] Atlas 215x

Yahoo group: atlas_radio
Date: 2014-05-11 05:59:06 UTC
From: MIKE DURKIN
Topic: 1170 Message: 1171

MRF454 or MRF455 ... it just depends on what cheaper for your location ...
there are a few others too ...

Mike KC7NOA
To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Sun, 11 May 2014 08:39:56 +0300
Subject: [atlas_radio] Atlas 215x

Hi

In my Atlas 215x transistors on PA are defective, they were
sd1446 if someone recommend me what type of transistors to use, to keep the
sd1446 or other better.

Thanks

Nelu

YO5PTH

1172. Torroids

Yahoo group: atlas_radio
Date: 2014-05-11 06:00:39 UTC
From: MIKE DURKIN
Topic: 1172 Message: 1172

Does any one know what material and turns count is used in the Tx bandpass filter of 10M ... its the last thing i have left to replace to get full output on 10M

Mike KC7NOA

1173. Re: [atlas_radio] Torroids

Yahoo group: atlas_radio
Date: 2014-05-11 12:39:59 UTC
From: Jim Strohm
Topic: 1172 Message: 1173

Hi Mike

This should be fairly simple to reverse-engineer. You can measure the toroid's size and guesstimate the wire size. You can read the value printed on the capacitor(s) in the filter. Armed with that and a filter calculation program like Elsie, AND accurate info on the toroids you plan to use, you should be able to duplicate the original.

But before you go through this exercise, you should sweep the existing filter. All you need for 10M is an RF voltmeter and a signal generator that'll cover 20 - 35 MHz with a reasonably smooth coverage. Wherever you see the voltage peak is the center of your passband, and you can kludge up an oscillator if you don't have a proper signal generator with a leveled output. Yes, a frequency counter helps.

Your same RF voltmeter will show you how flat your osc. output is -- just tie a non-inductive 50-ohm or 75-ohm resistor (AKA dummy load) across the osc. output. I mention 75 ohms, because you might happen to have a CATV terminator in the junk, and this will work better than a Cantenna (because of its size).

The only "gotcha" is that you ought to measure the completed toroid inductor, and for this a tool like the AADE LC II inductance / capacitance meter is perfect (but costs about $100). It's normal to see a variance in inductance of as much as 20% on a physical toroid as you calculated. This is due to a wide range of variables you may or may not be able to control (the latest joke is "the kind of mud they scooped up from the Chinese river bank to make the toroid"), but if you can measure the inductance, you can make meaningful adjustments.

73
Jim N6OTQ

On Sun, May 11, 2014 at 1:00 AM, MIKE DURKIN Patriot121@...[atlas_radio] <atlas_radio@yahoogroups.com> wrote:

>
>
> Does any one know what material and turns count is used in the Tx bandpass
> filter of 10M ... its the last thing i have left to replace to get full
> output on 10M
>
> Mike KC7NOA
>
>
>
>

1174. Atlas 210X Improvements Doc Update

Yahoo group: atlas_radio
Date: 2014-05-11 14:09:41 UTC
From: kiheiman@...
Topic: 1174 Message: 1174

Engineering work is continuing on the 210X project and I will be updating the doc under the Files area. The digital display section of the doc will be removed and a second doc created. This new doc will cover the following areas:

existing AADE DFD1 digital display (http://www.aade.com/dfd1.htm)
Cumbria X-Lock controller (http://www.cumbriadesigns.co.uk/x-lock.htm)
DDS VFO (http://www.wa1ffl.com)

The work on the DDS VFO is coming along nicely. I am currently testing with an external setup. The next step is to gut the VFO of the radio and install the new boards. The install will be customized for a 210X LE radio, but will also be adaptable for the 210X. The DDS controls will use the existing controls and/or control panel holes. Right now, I am dealing with two issues - reduced RX sensitivity and low level signal into the radio's mixer. The sensitivity problem might be resolved once the VFO board is installed in a shielded box. The low signal level will be resolved by adding the W8DIZ RF Amp board.

The DDS VFO band changing will be controlled from the existing Atlas band-switch control - no up/up down buttons to push. Once installed, my frequency instability problems will be gone - current testing shows about a 50 Hz change from cold start to full warm-up. Over an 12 hour period, the frequency change is a couple of hertz.

If you would like progress updates, please send me an email (it would be too much clutter to put the updates on the forum)..

73
Clint
W7KEC

1175. RE: [atlas_radio] Torroids

Yahoo group: atlas_radio
Date: 2014-05-11 18:05:48 UTC
From: Peter Schuch
Topic: 1172 Message: 1175

Jim

Here comes in the use of the good old grid dip oscillator for a quick RF source and for determining L and C's. I also use the GDO to excite my old noise impedance bridges instead of using the noise source.

73

Pete

WB2UAQ

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Sunday, May 11, 2014 8:40 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Torroids

Hi Mike

This should be fairly simple to reverse-engineer. You can measure the toroid's size and guesstimate the wire size. You can read the value printed on the capacitor(s) in the filter. Armed with that and a filter calculation program like Elsie, AND accurate info on the toroids you plan to use, you should be able to duplicate the original.

But before you go through this exercise, you should sweep the existing filter. All you need for 10M is an RF voltmeter and a signal generator that'll cover 20 - 35 MHz with a reasonably smooth coverage. Wherever you see the voltage peak is the center of your passband, and you can kludge up an oscillator if you don't have a proper signal generator with a leveled output. Yes, a frequency counter helps.

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Jim N6OTQ

On Sun, May 11, 2014 at 1:00 AM, MIKE DURKIN Patriot121@... <mailto:Patriot121@...> [atlas_radio] <atlas_radio@yahoogroups.com <mailto:atlas_radio@yahoogroups.com> > wrote:

Does any one know what material and turns count is used in the Tx bandpass filter of 10M ... its the last thing i have left to replace to get full output on 10M

Mike KC7NOA

[Non-text portions of this message have been removed]

1176. Re: [atlas_radio] Torroids

Yahoo group: atlas_radio
Date: 2014-05-11 22:52:23 UTC
From: Jim Strohm
Topic: 1172 Message: 1176

Pete,

Almost NOBODY has a dip meter these days. :)

Actually, this is a good idea, but most dip meters tune too abruptly to be good at sweeping circuits. I'd say "use the MFJ-269 dip coils" but even the manufacturer admits that they don't work worth a $%^*%.

73
Jim N6OTQ

On Sun, May 11, 2014 at 1:05 PM, 'Peter Schuch' pschuch@...[atlas_radio] <atlas_radio@yahoogroups.com> wrote:

> Jim
>
> Here comes in the use of the good old grid dip oscillator for a quick RF source and for determining L and C's. I also use the GDO to excite my old noise impedance bridges instead of using the noise source.
>
> 73
>
> Pete
>
> WB2UAQ
>

1177. RE: [atlas_radio] Torroids

Yahoo group: atlas_radio
Date: 2014-05-12 01:47:50 UTC
From: MIKE DURKIN
Topic: 1172 Message: 1177

ill just haft to sweep with a 259B ..

But i was hopeing some one already knew ... i have alot of loss in the 10M bandpass compared to the other Tx bandpass filters --and only 10W out on 10M.

Mike KC7NOA

To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Sun, 11 May 2014 17:52:23 -0500
Subject: Re: [atlas_radio] Torroids

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Jim N6OTQ

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73

Pete

WB2UAQ

1178. Atlas 180 Bias mesurement

Yahoo group: atlas_radio
Date: 2014-05-12 02:04:55 UTC
From: mywhitedog@...
Topic: 1178 Message: 1178

I need to know where to measure the bias on the Atlas 180 the radio meter is not accurate.

Thanks Ted ki6wik

1179. Re: [atlas_radio] Atlas 210X Improvements Doc Update

Yahoo group: atlas_radio
Date: 2014-05-13 18:05:58 UTC
From: Tom Steal
Topic: 1174 Message: 1179

Please add me to your update list.

Thanks

KD5VSV

On Sunday, May 11, 2014 9:09 AM, "kiheiman@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

Engineering work is continuing on the 210X project and I will be updating the doc under the Files area. The digital display section of the doc will be removed and a second doc created. This new doc will cover the following areas:
existing AADE DFD1 digital display (http://www.aade.com/dfd1.htm)
Cumbria X-Lock controller (http://www.cumbriadesigns.co.uk/x-lock.htm)
DDS VFO (http://www.wa1ffl.com)
The work on the DDS VFO is coming along nicely. I am currently testing with an external setup. The next step is to gut the VFO of the radio and install the new boards. The install will be customized for a 210X LE radio, but will also be adaptable for the 210X. The DDS controls will use the existing controls and/or control panel holes. Right now, I am dealing with two issues - reduced RX sensitivity and low level signal into the radio's mixer. The sensitivity problem might be resolved once the VFO board is installed in a shielded box. The low signal level will be resolved by adding the W8DIZ RF Amp board.
The DDS VFO band changing will be controlled from the existing Atlas band-switch control - no up/up down buttons to push. Once installed, my frequency instability problems will be gone - current testing shows about a 50 Hz change from cold start to full warm-up. Over an 12 hour period, the frequency change is a couple of hertz.
If you would like progress updates, please send me an email (it would be too much clutter to put the updates on the forum)..
73
Clint
W7KEC

1180. Re: [atlas_radio] Atlas 210X Improvements Doc Update

Yahoo group: atlas_radio
Date: 2014-05-13 20:16:40 UTC
From: Bernd Hillerich
Topic: 1174 Message: 1180

Hi Clint
please put me also on your update list. Thanks and vy 73

Bernd DK9EV

PS.: I am also working on some improvements of the 210X, and will report within this group. Progress is rather slow, however, due to business duties :-(

Am 11.05.14 16:09, schrieb kiheiman@... [atlas_radio]:
>
>
> Engineering work is continuing on the 210X project and I will be
> updating the doc under the Files area. The digital display section of
> the doc will be removed and a second doc created. This new doc will
> cover the following areas:
>
> existing AADE DFD1 digital display (http://www.aade.com/dfd1.htm)
>
> Cumbria X-Lock controller (http://www.cumbriadesigns.co.uk/x-lock.htm)
>
> DDS VFO (http://www.wa1ffl.com)
>
> The work on the DDS VFO is coming along nicely. I am currently
> testing with an external setup. The next step is to gut the VFO of
> the radio and install the new boards. The install will be customized
> for a 210X LE radio, but will also be adaptable for the 210X. The DDS
> controls will use the existing controls and/or control panel holes.
> Right now, I am dealing with two issues - reduced RX sensitivity and
> low level signal into the radio's mixer. The sensitivity problem
> might be resolved once the VFO board is installed in a shielded box.
> The low signal level will be resolved by adding the W8DIZ RF Amp board.
>
> The DDS VFO band changing will be controlled from the existing Atlas
> band-switch control - no up/up down buttons to push. Once installed,
> my frequency instability problems will be gone - current testing shows
> about a 50 Hz change from cold start to full warm-up. Over an 12 hour
> period, the frequency change is a couple of hertz.
>
> If you would like progress updates, please send me an email (it would
> be too much clutter to put the updates on the forum)..
>
> 73
>
> Clint
>

> W7KEC
>
>
>
>

--
Mit freundlichen Grüssen

Dr. Bernd Hillerich
h-electronic

h-electronic Ingenieurbüro für Sensorsysteme und Elektronik
Inhaber: Dr.-Ing. Bernd Hillerich
Zeitblomstrasse 31/1, D-89073 Ulm
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Email: h-sensor@...
www.h-sensor.com

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1181. RE: [atlas_radio] Atlas 180 Bias mesurement

Yahoo group: atlas_radio
Date: 2014-05-14 00:50:04 UTC
From: Peter Schuch
Topic: 1178 Message: 1181

Ted

Is there a current shunt resistor used for measuring the collector current? You could measure the IR drop across it to determine the current more accurately.

73

Pete WB2UAQ

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Sunday, May 11, 2014 10:05 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Atlas 180 Bias mesurement

I need to know where to measure the bias on the Atlas 180 the radio meter is not accurate.

Thanks Ted ki6wik

[Non-text portions of this message have been removed]

1182. Re: [atlas_radio] Atlas 180 Bias mesurement

Yahoo group: atlas_radio
Date: 2014-05-14 04:16:46 UTC
From: Theodore Peckler
Topic: 1178 Message: 1182

Thanks for the info
On May 13, 2014, at 5:50 PM, 'Peter Schuch' pschuch@rochester.rr.com [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

> Ted
>
> Is there a current shunt resistor used for measuring the collector current? You could measure the IR drop across it to determine the current more accurately.
>
> 73
>
> Pete WB2UAQ
>
> From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
> Sent: Sunday, May 11, 2014 10:05 PM
> To: atlas_radio@yahoogroups.com
> Subject: [atlas_radio] Atlas 180 Bias mesurement
>
> I need to know where to measure the bias on the Atlas 180 the radio meter is not accurate.
>
> Thanks Ted ki6wik
>
> [Non-text portions of this message have been removed]
>
>
>

1183. Alda 103A

Yahoo group: atlas_radio
Date: 2014-05-14 16:13:12 UTC
From: Gary H. Harmon, Jr.
Topic: 1183 Message: 1183

I have a nice Alda 103A but the docs that came with it are for the 103. I realize this is the Atlas list but someone may have a manual or at least point me in the right direction.

73,

Gary H. Harmon, Jr. - K5JWK - Radio Archaeologist

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c/t

"Real Radios Glow In the Dark"

"Too Many Projects, Not Enough Time"

http://www.grissomroadcoc.org

1184. CAT

Yahoo group: atlas_radio
Date: 2014-05-21 08:03:10 UTC
From: Ioan Rogojan
Topic: 1184 Message: 1184

Hi

CAT interface for ATLAS 215X is possible ?

Thanks

YO5PTH

1185. Re: CAT

Yahoo group: atlas_radio
Date: 2014-05-21 13:17:04 UTC
From: g4fph@...
Topic: 1184 Message: 1185

I am just gathering parts for a DDS VFO for the Atlas 21x-series radio. Version 1 will be an outboard unit with a high quality shaft encoder, push button bandchange and a 16x2 LCD - a sort of modern day 206.

Version 2 will feature an 8x2 backlit LCD and 'wire per band' band selection, suitable for fitting internally in the Atlas (replacing the analogue VFO and tuning drum).

Version 3 will allow frequency changes to be made via RS-232, likely using the Kenwood TS-xxxx protocol, so programmes such as HRD will be able to control the frequency of the Atlas. Will probbaly need some sort of oscillator / TX inhibit in case HRD were to select a frequency in a band that the Atlas is not set to.

All versions will use the cheap AD9850 DDS modules from eBay as I have some of these to hand. The Si570 or one of the more recent AD DDS would be a better choice of oscillator, but I need to start somewhere!

Regards,

Mark.

1186. Re: CAT

Yahoo group: atlas_radio
Date: 2014-05-21 19:03:53 UTC
From: Paul Mateer
Topic: 1184 Message: 1186

Would love to see your design. I have an Atlas -210 I was thinking about doing that to. I was going to replaced my cracked drum with a back lit 2-line LCD freq counter. I like the idea of the DDS. Keep us posted!

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

1187. Chuck Penson's New Book Is Out

Yahoo group: atlas_radio
Date: 2014-05-21 22:54:30 UTC
From: Gary H. Harmon, Jr.
Topic: 1187 Message: 1187

"Heathkit Test Equipment Products" by Chuck Penson Wa7ZZE.

It's an amazing book about Heathkit test equipment products and follows his first book, "Heathkit: A Guide to the Amateur Radio Products" published a number of years back.

It is available from amazon.com for $19.95 plus $3.99 shipping.

73,

Gary H. Harmon, Jr. - K5JWK - Radio Archaeologist

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c/t

"Real Radios Glow In the Dark"

"Too Many Projects, Not Enough Time"

http://www.grissomroadcoc.org

1188. Re: CAT

Yahoo group: atlas_radio
Date: 2014-05-24 20:44:05 UTC
From: g4fph@...
Topic: 1184 Message: 1188

Paul,

I have v0.5 up and running on a breadboard and it works well on 160 and 80.

I need to have a think about output filtering for the DDS. Currently, I have a broadband amplifier after the Chinese board and a 10 MHz LPF after that. I might just remake the LPF for (30 - 5.645) MHz and be done with it. That would keep the circuitry easy and the harmonic content would probably still be better than the Atlas internal L-C VFO.

Can't do anything about the close in spurs that the el-cheapo DDS produces, but they are reckoned to be no greater than -60 dB on the wanted, which is good enough for TX and usable for non-critical RX.

I'll drop a couple of pictures into the 'Photos' section of the group. Be nice to get some PCB made if the design ever matures. I see your company does that ;-)

Regards,

Mark.

1189. Need some help troubleshooting

Yahoo group: atlas_radio
Date: 2014-05-26 22:39:30 UTC
From: Saad Mahaini
Topic: 890 Message: 1189

Hello,

I have a TX-1110H with the PA-200 (100W) module, that i just acquired
and it seems to have some issues

The issue i'm working on now is related to the PA-200 board. When i
power up the unit the heat sink gets very hot very quickly without even
keying the transmitter. I even disconnected the TR wire from the board

Any pointers with where to start will be appreciated

73 Saad N5FF

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.2247 / Virus Database: 3722/7064 - Release Date: 05/26/14

1190. driver transistor bias diode

Yahoo group: atlas_radio
Date: 2014-05-29 22:55:13 UTC
From: kl7hqk@...
Topic: 1190 Message: 1190

Can anyone help with a replacement number for the driver transistor bias diode, marked on the schematic as a 51-05. The component has that number and 7802 printed on it, neither of which I can find on the web. Mine is shorted in both directions and the bias on the driver is .7vdc instead of the 1.3vdc that is shown on the voltage chart in the manual. Using voice peaks, I have 6vpp on my scope at the collector of the pre driver but only .1vpp on the base of the driver. Thanks for your help. Bill, KL7HQK

1191. Re: [atlas_radio] driver transistor bias diode

Yahoo group: atlas_radio
Date: 2014-05-29 23:33:21 UTC
From: Clint
Topic: 1190 Message: 1191

I don’t think that the manual is correct (I see the same thing in my manual). 1.4 volts bias on the base of the driver transistor would be much too high and the transistor would get very hot and would probably burn out. I just measured the base voltage on one of my 210Xs and it is 0.74 VDC. The driver should have about 20 db of gain measured on the base to the collector. On my particular unit, I see about 10 mw of power on the base, with the TX gain at max in the CW mode. I will forward you a PA stage gain diagram that I created for trouble-shooting PA problems.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Thursday, May 29, 2014 3:55 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] driver transistor bias diode

Can anyone help with a replacement number for the driver transistor bias diode, marked on the schematic as a 51-05. The component has that number and 7802 printed on it, neither of which I can find on the web. Mine is shorted in both directions and the bias on the driver is .7vdc instead of the 1.3vdc that is shown on the voltage chart in the manual. Using voice peaks, I have 6vpp on my scope at the collector of the pre driver but only .1vpp on the base of the driver. Thanks for your help. Bill, KL7HQK

1192. Re: [atlas_radio] driver transistor bias diode

Yahoo group: atlas_radio
Date: 2014-05-30 00:06:59 UTC
From: Dave
Topic: 1190 Message: 1192

Just about any silicon rectifier diode that will handle the current
should work.

Dave - WB6DHW
<http://wb6dhw.com>

On 5/29/2014 3:55 PM, kl7hqk@... [atlas_radio] wrote:
>
> Can anyone help with a replacement number for the driver transistor
> bias diode, marked on the schematic as a 51-05. The component has that
> number and 7802 printed on it, neither of which I can find on the web.
> Mine is shorted in both directions and the bias on the driver is .7vdc
> instead of the 1.3vdc that is shown on the voltage chart in the
> manual. Using voice peaks, I have 6vpp on my scope at the collector of
> the pre driver but only .1vpp on the base of the driver. Thanks for
> your help. Bill, KL7HQK
>
>
>

1193. Re: [atlas_radio] driver transistor bias diode

Yahoo group: atlas_radio
Date: 2014-05-30 02:38:07 UTC
From: Bill Dammeyer
Topic: 1190 Message: 1193

I wish to thank Clint, W7KEC for the PA trouble shooting guide and info on the correct bias voltage for the driver transistor. I confirmed that he is correct by measuring the voltage on another 210x. Also, thanks to Dave, WB6DHW for his advice on choosing a replacement diode for the bias circuit. With these responses I MIGHT be able to figure out why there is no output from my PA stage(s). I have two 210x's, one with new finals but only 20W output max and another with no more than one watt output. My level of experience is low and the test equipment isn't too great, either. I might be in over my head and if that turns out to be the case you'll see them both for sale here but hope to fix at least one of them. Again, thanks for the help, it is appreciated. Bill, KL7HQK, Funny River, Alaska

On Thursday, May 29, 2014 3:33 PM, "'Clint' kiheiman@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

I don’t think that the manual is correct (I see the same thing in my manual). 1.4 volts bias on the base of the driver transistor would be much too high and the transistor would get very hot and would probably burn out. I just measured the base voltage on one of my 210Xs and it is 0.74 VDC. The driver should have about 20 db of gain measured on the base to the collector. On my particular unit, I see about 10 mw of power on the base, with the TX gain at max in the CW mode. I will forward you a PA stage gain diagram that I created for trouble-shooting PA problems.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Thursday, May 29, 2014 3:55 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] driver transistor bias diode

Can anyone help with a replacement number for the driver transistor bias diode, marked on the schematic as a 51-05. The component has that number and 7802 printed on it, neither of which I can find on the web. Mine is shorted in both directions and the bias on the driver is .7vdc instead of the 1.3vdc that is shown on the voltage chart in the manual. Using voice peaks, I have 6vpp on my scope at the collector of the pre driver but only .1vpp on the base of the driver. Thanks for your help. Bill, KL7HQK

1194. Re: [atlas_radio] driver transistor bias diode

Yahoo group: atlas_radio
Date: 2014-05-30 03:57:14 UTC
From: Theodore Peckler
Topic: 1190 Message: 1194

I would like the trouble shooting guide also.
Thanks
Ted

On May 29, 2014, at 4:33 PM, 'Clint' kiheiman@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:

>
> I don’t think that the manual is correct (I see the same thing in my manual). 1.4 volts bias on the base of the driver transistor would be much too high and the transistor would get very hot and would probably burn out. I just measured the base voltage on one of my 210Xs and it is 0.74 VDC. The driver should have about 20 db of gain measured on the base to the collector. On my particular unit, I see about 10 mw of power on the base, with the TX gain at max in the CW mode. I will forward you a PA stage gain diagram that I created for trouble-shooting PA problems.
>
> 73
> Clint
> W7KEC
>
> From: mailto:atlas_radio@yahoogroups.com
> Sent: Thursday, May 29, 2014 3:55 PM
> To: atlas_radio@yahoogroups.com
> Subject: [atlas_radio] driver transistor bias diode
>
>
> Can anyone help with a replacement number for the driver transistor bias diode, marked on the schematic as a 51-05. The component has that number and 7802 printed on it, neither of which I can find on the web. Mine is shorted in both directions and the bias on the driver is .7vdc instead of the 1.3vdc that is shown on the voltage chart in the manual. Using voice peaks, I have 6vpp on my scope at the collector of the pre driver but only .1vpp on the base of the driver. Thanks for your help. Bill, KL7HQK
>
>
>
>
>

1195. RE: [atlas_radio] driver transistor bias diode

Yahoo group: atlas_radio
Date: 2014-05-30 04:35:14 UTC
From: MIKE DURKIN
Topic: 1190 Message: 1195

did it make it into the files section?

To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Thu, 29 May 2014 20:57:14 -0700
Subject: Re: [atlas_radio] driver transistor bias diode

I would like the trouble shooting guide also.
Thanks Ted
On May 29, 2014, at 4:33 PM, 'Clint' kiheiman@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:I don’t think that the manual is correct (I see the same thing in my manual). 1.4 volts bias on the base of the driver transistor would be much too high and the transistor would get very hot and would probably burn out. I just measured the base voltage on one of my 210Xs and it is 0.74 VDC. The driver should have about 20 db of gain measured on the base to the collector. On my particular unit, I see about 10 mw of power on the base, with the TX gain at max in the CW mode. I will forward you a PA stage gain diagram that I created for trouble-shooting PA problems. 73ClintW7KEC From: mailto:atlas_radio@yahoogroups.comSent: Thursday, May 29, 2014 3:55 PMTo: atlas_radio@yahoogroups.comSubject: [atlas_radio] driver transistor bias diode Can anyone help with a replacement number for the driver transistor bias diode, marked on the schematic as a 51-05. The component has that number and 7802 printed on it, neither of which I can find on the web. Mine is shorted in both directions and the bias on the driver is .7vdc instead of the 1.3vdc that is shown on the voltage chart in the manual. Using voice peaks, I have 6vpp on my scope at the collector of the pre driver but only .1vpp on the base of the driver. Thanks for your help. Bill, KL7HQK

1196. Re: [atlas_radio] driver transistor bias diode

Yahoo group: atlas_radio
Date: 2014-05-30 12:10:45 UTC
From: Clint
Topic: 1190 Message: 1196

The single page drawing of PA signal levels is part of the current file – “Atlas 210X Improvements” that is under the files section. The drawing is on page 30 of the doc.

73
Clint

From: mailto:atlas_radio@yahoogroups.com
Sent: Thursday, May 29, 2014 9:35 PM
To: atlas_radio@yahoogroups.com
Subject: RE: [atlas_radio] driver transistor bias diode

did it make it into the files section?

To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Thu, 29 May 2014 20:57:14 -0700
Subject: Re: [atlas_radio] driver transistor bias diode

I would like the trouble shooting guide also.

Thanks
Ted

On May 29, 2014, at 4:33 PM, 'Clint' kiheiman@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:

I don’t think that the manual is correct (I see the same thing in my manual). 1.4 volts bias on the base of the driver transistor would be much too high and the transistor would get very hot and would probably burn out. I just measured the base voltage on one of my 210Xs and it is 0.74 VDC. The driver should have about 20 db of gain measured on the base to the collector. On my particular unit, I see about 10 mw of power on the base, with the TX gain at max in the CW mode. I will forward you a PA stage gain diagram that I created for trouble-shooting PA problems.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Thursday, May 29, 2014 3:55 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] driver transistor bias diode

Can anyone help with a replacement number for the driver transistor bias diode, marked on the schematic as a 51-05. The component has that number and 7802 printed on it, neither of which I can find on the web. Mine is shorted in both directions and the bias on the driver is .7vdc instead of the 1.3vdc that is shown on the voltage chart in the manual. Using

voice peaks, I have 6vpp on my scope at the collector of the pre driver but only .1vpp on the base of the driver. Thanks for your help. Bill, KL7HQK

1197. Atlas-215x PSK31 interface

Yahoo group: atlas_radio
Date: 2014-06-19 08:54:15 UTC
From: irogojan@...
Topic: 1197 Message: 1197

Hello

It is posible PSK31 interface for Atlas-215x?

TNX
73
YO5PTH

1198. Re: [atlas_radio] Atlas-215x PSK31 interface

Yahoo group: atlas_radio
Date: 2014-06-19 13:24:07 UTC
From: Jim Strohm
Topic: 1197 Message: 1198

Hi

Since PSK31 is basically audio connected through your computer, you'd just need an interface to the mic in and audio out (and PTT, of course).

BUT -- the stock Atlas VFO is probably too drifty to run PSK31 reliably, so you'd want either a highly stable external VFO or else a DDS frequency control.

There are a few people who've successfully added a DDS VFO to an Atlas, and their projects are described on this group and also on the other Atlas group on yahoo.

I do not have a compilation of their names and results, but YES it should be rather easy to do PSK31 with an Atlas.

73
Jim N6OTQ

On Thu, Jun 19, 2014 at 3:54 AM, irogojan@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

>
>
> Hello
>
> It is posible PSK31 interface for Atlas-215x?
>
> TNX
> 73
> YO5PTH
>
>
>
>
>
>
>

1199. intro and current prices question

Yahoo group: atlas_radio
Date: 2014-07-15 18:51:02 UTC
From: gperazzoli@...
Topic: 1199 Message: 1199

Hello,

I am Guido, LU8EQ from Argentina. I am looking forward to buying an Atlas 210x.

What would you consider to be a modest price for an unit in ok condition?

Thank you in advance.

73
Guido, LU8EQ

1200. Re: [atlas_radio] intro and current prices question

Yahoo group: atlas_radio
Date: 2014-07-15 19:05:24 UTC
From: Mike
Topic: 1199 Message: 1200

Round 100 to 150 USD depending on condition ...

Mike KC7NOA

On 07/15/2014 11:51 AM, gperazzoli@... [atlas_radio] wrote:
>
> Hello,
>
>
> I am Guido, LU8EQ from Argentina. I am looking forward to buying an
> Atlas 210x.
>
>
> What would you consider to be a modest price for an unit in ok condition?
>
>
> Thank you in advance.
>
>
> 73
>
> Guido, LU8EQ
>
>

--
Mike KC7NOA

1201. RE: [atlas_radio] intro and current prices question

Yahoo group: atlas_radio
Date: 2014-07-16 01:04:16 UTC
From: Peter Schuch
Topic: 1199 Message: 1201

At the last hamfest in Cortland, NY, the 210X with the console (speak/power supply) was going for about 120 USD.

73

Pete WB2UAQ

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Tuesday, July 15, 2014 3:05 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] intro and current prices question

Round 100 to 150 USD depending on condition ...

Mike KC7NOA

On 07/15/2014 11:51 AM, gperazzoli@yahoo.com <mailto:gperazzoli@...> [atlas_radio] wrote:

Hello,

I am Guido, LU8EQ from Argentina. I am looking forward to buying an Atlas 210x.

What would you consider to be a modest price for an unit in ok condition?

Thank you in advance.

73

Guido, LU8EQ

--
Mike KC7NOA

[Non-text portions of this message have been removed]

1202. RE: [atlas_radio] intro and current prices question

Yahoo group: atlas_radio
Date: 2014-07-16 12:09:17 UTC
From: gperazzoli@...
Topic: 1199 Message: 1202

Hello Pete and Mike,

Thank you for your replies.

The one I was looking at is kind of expensive and I do not have a very good feeling about the seller...

Well, I will keep looking.

73
Guido, LU8EQ

1203. Contactive

Yahoo group: atlas_radio
Date: 2014-07-28 20:15:23 UTC
From: jim.strohm@...
Topic: 1203 Message: 1203

Hi all

I have just learned about a new social networking service named "Contactive."

Be advised that ANYBODY who posts, causes to be posted, or allows to be posted a message offering a connection to Contactive will be immediately banned.

This is in keeping with previous policy decisions and actions regarding sites that engage in information theft.

Best regards
Jim your surly moderator.

1204. Re: [atlas_radio] Contactive

Yahoo group: atlas_radio
Date: 2014-07-28 20:17:25 UTC
From: Mike
Topic: 1203 Message: 1204

works for me !!!!!

On 07/28/2014 01:15 PM, jim.strohm@... [atlas_radio] wrote:
>
> Hi all
>
> I have just learned about a new social networking service named
> "Contactive."
>
> Be advised that ANYBODY who posts, causes to be posted, or allows to
> be posted a message offering a connection to Contactive will be
> immediately banned.
>
> This is in keeping with previous policy decisions and actions
> regarding sites that engage in information theft.
>
> Best regards
> Jim your surly moderator.
>
>
>

--
Mike KC7NOA

1205. RE: [atlas_radio] Contactive

Yahoo group: atlas_radio
Date: 2014-07-28 23:51:26 UTC
From: Terry Nixon
Topic: 1203 Message: 1205

Surley to bed, and Surley to rise, and I don’t blame you a darned bit!!

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Monday, July 28, 2014 3:15 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Contactive

Hi all

I have just learned about a new social networking service named "Contactive."

Be advised that ANYBODY who posts, causes to be posted, or allows to be posted a message offering a connection to Contactive will be immediately banned.

This is in keeping with previous policy decisions and actions regarding sites that engage in information theft.

Best regards
Jim your surly moderator.

1206. 210 signal to the bandpass

Yahoo group: atlas_radio
Date: 2014-09-21 05:21:05 UTC
From: Mike
Topic: 1206 Message: 1206

Does anyone know the signal level going to the Tx bandpass filter?
Im thinking of replacing my bandpass with a more modern smd 7 element
Cheb filter ....

--
Mike KC7NOA

1207. RE: [atlas_radio] 210 signal to the bandpass

Yahoo group: atlas_radio
Date: 2014-09-21 19:31:13 UTC
From: Peter Schuch
Topic: 1206 Message: 1207

Hi Mike

I say the level going is about 100W or so with the energy in the harmonics.

The harmonics are probably only 20 dB down or something ahead of the filter. Most of what I work on are of the elliptical type and I think they are about 7 elements.

I am sure others will give you some ideas as well.

73

Pete

WB2UAQ

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Sunday, September 21, 2014 1:21 AM
To: ATLAS210X-215X@yahoogroups.com; atlas_radio@yahoogroups.com
Subject: [atlas_radio] 210 signal to the bandpass

Does anyone know the signal level going to the Tx bandpass filter?
Im thinking of replacing my bandpass with a more modern smd 7 element
Cheb filter ....

--
Mike KC7NOA

[Non-text portions of this message have been removed]

1208. Re: Atlas210x--> 210 signal to the bandpass

Yahoo group: atlas_radio
Date: 2014-09-21 19:58:18 UTC
From: Clint
Topic: 1206 Message: 1208

Last year, I made stage gain measurements for a 210X using my spectrum analyzer. I also put test connectors in the coax cable between the output of the TX bandpass filters and the input to the PA module. I measured less than 1 mw power on the output of the bandpass filters. I need to run the same tests again since I have a different SA. Here is my diagram.

73
Clint
W7KEC

From: mailto:ATLAS210X-215X@yahoogroups.com
Sent: Saturday, September 20, 2014 10:21 PM
To: ATLAS210X-215X@yahoogroups.com ; atlas_radio@yahoogroups.com
Subject: Atlas210x--> 210 signal to the bandpass

Does anyone know the signal level going to the Tx bandpass filter?
Im thinking of replacing my bandpass with a more modern smd 7 element
Cheb filter ....

--
Mike KC7NOA

[Non-text portions of this message have been removed]

1209. RE: [atlas_radio] Re: Atlas210x--> 210 signal to the bandpass

Yahoo group: atlas_radio
Date: 2014-09-21 21:09:42 UTC
From: Peter Schuch
Topic: 1206 Message: 1209

Don’t listen to me. I thought the filter in question was the Tx output filter:)

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Sunday, September 21, 2014 3:58 PM
To: ATLAS210X-215X@yahoogroups.com; atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: Atlas210x--> 210 signal to the bandpass

Last year, I made stage gain measurements for a 210X using my spectrum analyzer. I also put test connectors in the coax cable between the output of the TX bandpass filters and the input to the PA module. I measured less than 1 mw power on the output of the bandpass filters. I need to run the same tests again since I have a different SA. Here is my diagram.

73
Clint
W7KEC

From: mailto:ATLAS210X-215X@yahoogroups.com
Sent: Saturday, September 20, 2014 10:21 PM
To: ATLAS210X-215X@yahoogroups.com ; atlas_radio@yahoogroups.com
Subject: Atlas210x--> 210 signal to the bandpass

Does anyone know the signal level going to the Tx bandpass filter?
Im thinking of replacing my bandpass with a more modern smd 7 element
Cheb filter ....

--
Mike KC7NOA

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1210. Re: [atlas_radio] Re: Atlas210x--> 210 signal to the bandpass

Yahoo group: atlas_radio
Date: 2014-09-21 21:49:50 UTC
From: Mike
Topic: 1206 Message: 1210

Im wondering what the input and output from/to the bandpass filters are
(PC900C)...

I have a damaged bandpass filter (Tx) .. and i was thinking that it
would be nice to be able to use an external vfo so that i could cover
the full bands ... not just part ... (like 10M)

Im not talking of the low pass filter after the PA ...

On 09/21/2014 02:09 PM, 'Peter Schuch' pschuch@...
[atlas_radio] wrote:
>
> Don’t listen to me. I thought the filter in question was the Tx output
> filter:)
>
> From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
> Sent: Sunday, September 21, 2014 3:58 PM
> To: ATLAS210X-215X@yahoogroups.com; atlas_radio@yahoogroups.com
> Subject: [atlas_radio] Re: Atlas210x--> 210 signal to the bandpass
>
> Last year, I made stage gain measurements for a 210X using my spectrum
> analyzer. I also put test connectors in the coax cable between the
> output of the TX bandpass filters and the input to the PA module. I
> measured less than 1 mw power on the output of the bandpass filters. I
> need to run the same tests again since I have a different SA. Here is
> my diagram.
>
> 73
> Clint
> W7KEC
>
> From: mailto:ATLAS210X-215X@yahoogroups.com
> Sent: Saturday, September 20, 2014 10:21 PM
> To: ATLAS210X-215X@yahoogroups.com ; atlas_radio@yahoogroups.com
> Subject: Atlas210x--> 210 signal to the bandpass
>
> Does anyone know the signal level going to the Tx bandpass filter?
> Im thinking of replacing my bandpass with a more modern smd 7 element
> Cheb filter ....
>
> --
> Mike KC7NOA
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]

>
>

--
Mike KC7NOA

1211. (no subject)

Yahoo group: atlas_radio
Date: 2014-09-22 00:46:27 UTC
From: Bill Dammeyer
Topic: 1211 Message: 1211

Hi Clint,
Going ahead with trying different transistors in the 1st IF amp of the 210x with your suggestion of a 2n5109. I'd like to try a few others also but don't know what the minimum power dissipation should be. The 2n3866 is good for a hefty 5 watts but I suspect that isn't necessary in this application.

What is the minimum power dissipation for the 1st IF amp in the 210x that you would recommend?
(I'm doing this testing on my other 210x that uses a PC 100 board, not the PC 120.)

The Atlas you repaired and aligned is doing very well. Thank you.

73,

Bill, KL7HQK

1212. band selector shaft

Yahoo group: atlas_radio
Date: 2014-09-22 23:17:09 UTC
From: Mike
Topic: 1212 Message: 1212

Im asking here first before i try to -- or more accurately, decide to try......

Does the band selector shaft come out the front or back .... is there a printed process already for that?

Im moving forward with changing out my Tx band pass filter with one made by wb6dhw .... since the power level is well with in the limits of the smd bpf ...

--
Mike KC7NOA

1213. Re: [atlas_radio] band selector shaft

Yahoo group: atlas_radio
Date: 2014-09-23 00:06:53 UTC
From: Clint
Topic: 1212 Message: 1213

It will be interesting to see what you find. I gutted the VFO parts in my LE VFO compartment, but did not need to remove the band-switch shaft. There is a brass coupler right behind the front wafer section. My guess is that the shaft will come out the rear once the set screws are loosened from the coupler.

73
Clint

From: mailto:atlas_radio@yahoogroups.com
Sent: Monday, September 22, 2014 4:17 PM
To: ATLAS210X-215X@yahoogroups.com ; atlas_radio@yahoogroups.com
Subject: [atlas_radio] band selector shaft

Im asking here first before i try to -- or more accurately, decide to try......

Does the band selector shaft come out the front or back .... is there a printed process already for that?

Im moving forward with changing out my Tx band pass filter with one made by wb6dhw .... since the power level is well with in the limits of the smd bpf ...

--
Mike KC7NOA

1214. atlas 400x schematic wanted

Yahoo group: atlas_radio
Date: 2014-10-18 08:40:16 UTC
From: j.fairburn@...
Topic: 1214 Message: 1214

Just wondering if anyone has schematic for the 400x radio. Two of these are on Ebay, but wouldn't want to buy unless I had a little guide to the circuit layout. John, ka9pie

1215. Re: atlas 400x schematic wanted

Yahoo group: atlas_radio
Date: 2014-10-19 19:24:11 UTC
From: jtelrbrewer@...
Topic: 1214 Message: 1215

I have the 400x manual and I have the only working 400x that I know of. The ones on ebay are missing a lot of important parts that are no longer available and one can not find them. I would stay away from them for that price. You will never get them to work. I know at least 14 people that have these partial rigs and have been working on them for 15 years with no success. I see no purpose in buying them unless you are a really gifted electronics engineer. WA3VZK

1216. Re: [atlas_radio] Re: atlas 400x schematic wanted

Yahoo group: atlas_radio
Date: 2014-10-19 20:17:22 UTC
From: Jim Strohm
Topic: 1214 Message: 1216

And add to that -- there have been numerous episodes of people CLAIMING to have this radio, but who never shipped same when they found a sucke -- purchaser. I would strongly recommend against trying to buy one, especially from ebay.

Jtelr, would you be kind enough to upload the Atlas 400 manuals to the files section in this group? If you have problems with getting them to load, please contact me off-list and I'll help.

Thanks and 73
Jim N6OTQ
group owner

On Sun, Oct 19, 2014 at 2:24 PM, jtelrbrewer@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

>
>
> I have the 400x manual and I have the only working 400x that I know of.
> The ones on ebay are missing a lot of important parts that are no longer
> available and one can not find them. I would stay away from them for that
> price. You will never get them to work. I know at least 14 people that have
> these partial rigs and have been working on them for 15 years with no
> success. I see no purpose in buying them unless you are a really gifted
> electronics engineer. WA3VZK
>
>
>

1217. Re: [atlas_radio] Re: atlas 400x schematic wanted

Yahoo group: atlas_radio
Date: 2014-10-26 11:56:26 UTC
From: John Fairburn
Topic: 1214 Message: 1217

Thanks for the replys, kinda thought it was too good to be true. Not a gifted electronics engineer, just a part time tinkerer. 73's ka9pie

On Sunday, October 19, 2014 2:24 PM, "jtelrbrewer@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

I have the 400x manual and I have the only working 400x that I know of. The ones on ebay are missing a lot of important parts that are no longer available and one can not find them. I would stay away from them for that price. You will never get them to work. I know at least 14 people that have these partial rigs and have been working on them for 15 years with no success. I see no purpose in buying them unless you are a really gifted electronics engineer. WA3VZK

1218. Re: [atlas_radio] Re: atlas 400x schematic wanted

Yahoo group: atlas_radio
Date: 2014-10-26 17:12:38 UTC
From: JACK BREWER
Topic: 1214 Message: 1218

Did you win the Atlas 400x radios ??? I know I didn't . I bid $777.00 but then it went crazy and 2 other bidders beat me. $1500 is crazy for these unless one is really sure that he can repair them. Then it would be worth it. I gave over $1200 for the one I have , but it was working when I got it. Jack WA3VZK

On Sun, 10/26/14, John Fairburn j.fairburn@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

Subject: Re: [atlas_radio] Re: atlas 400x schematic wanted
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Date: Sunday, October 26, 2014, 7:56 AM

Thanks for the
replys, kinda thought it was too good to be true. Not a
gifted electronics engineer, just a part time tinkerer.
73's ka9pie

On Sunday, October
19, 2014 2:24 PM, "jtelrbrewer@...
[atlas_radio]" <atlas_radio@yahoogroups.com>
wrote:

I have the 400x manual and I have the only
working 400x that I know of. The ones on ebay are missing
a lot of important parts that are no longer available and
one can not find them. I would stay away from them for that
price. You will never get them to work. I know at least 14
people that have these partial rigs and have been working on
them for 15 years with no success. I see no purpose in
buying them unless you are a really gifted electronics
engineer. WA3VZK

1219. Re: [atlas_radio] Re: atlas 400x schematic wanted

Yahoo group: atlas_radio
Date: 2014-10-30 08:39:46 UTC
From: John Fairburn
Topic: 1214 Message: 1219

Nope, not me. I have a 215 and 210 to work on, just thought a 400 would be an interesting project. John,ka9pie

On Sunday, October 26, 2014 6:56 AM, "John Fairburn j.fairburn@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

Thanks for the replys, kinda thought it was too good to be true. Not a gifted electronics engineer, just a part time tinkerer. 73's ka9pie

On Sunday, October 19, 2014 2:24 PM, "jtelrbrewer@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

I have the 400x manual and I have the only working 400x that I know of. The ones on ebay are missing a lot of important parts that are no longer available and one can not find them. I would stay away from them for that price. You will never get them to work. I know at least 14 people that have these partial rigs and have been working on them for 15 years with no success. I see no purpose in buying them unless you are a really gifted electronics engineer. WA3VZK

1220. Atlas 215x PC-900 question

Yahoo group: atlas_radio
Date: 2014-11-23 14:40:13 UTC
From: j.fairburn@...
Topic: 1220 Message: 1220

Hi all, had a little time to tinker with my 215x which TX's on 160,80,and 40, but nothing on 20 and 15. If I jumper the input tuning circuit wires from the wafer switch for 20m, I get rf output. I now assume that there is a problem with the filter circuit on pc 900. I think it is most likely a capacitor as it doesn't seem that the toroidal tnansformers would be suspect. There are two 4-40 variable caps, and one ceramic disc in the circuit. Any thoughts or suggestions greatly appreciated.

ka9pie,John

1221. Re: [atlas_radio] Atlas 215x PC-900 question

Yahoo group: atlas_radio
Date: 2014-11-23 16:15:06 UTC
From: Mike
Topic: 1220 Message: 1221

If finally decided to pull mine out so i can work on it with out restrictions ....

Iv had issues with 20M since i got mine and after replacing all capacitors for 20M and still almost no output (5W) ... the only thing left is the torroids ..
But before i decide to fiddle with those .. i still need to sweep the filter now that i have it out and on the bench ....

You would think that the torroids would never go bad with such low power going through them ..... but maybe they were never the right ones from the day it was assembled ....

These radios were hand made .. not machine made..... and im sure mistakes can happen ...

On 11/23/2014 06:40 AM, j.fairburn@yahoo.com [atlas_radio] wrote:
>
> Hi all, had a little time to tinker with my 215x which TX's on
> 160,80,and 40, but nothing on 20 and 15. If I jumper the input tuning
> circuit wires from the wafer switch for 20m, I get rf output. I now
> assume that there is a problem with the filter circuit on pc 900. I
> think it is most likely a capacitor as it doesn't seem that the
> toroidal tnansformers would be suspect. There are two 4-40 variable
> caps, and one ceramic disc in the circuit. Any thoughts or suggestions
> greatly appreciated.
>
> ka9pie,John
>
>
>

--
Mike KC7NOA

1222. Assistance needed with Atlas 350-XL

Yahoo group: atlas_radio
Date: 2014-11-26 17:40:15 UTC
From: A R
Topic: 1222 Message: 1222

I recently acquired a very nice Atlas 350XL...cosmetically beautiful, and receiver functions beautifully. But, no transmit. In troubleshooting, I've found and replace a few failed components, and also some discrepancies between nthe wiring in this radio and the schematics in the manual. Specifically, the wiring/interconnect between the XMIT driver pot and the PC-1350 and PC-540 boards. This 350XL is the later model, s/n 1277024.

The manual schematic on p.26 that shows the XMIT drive pot interconnect to the PC-540 and PC-1350.

This 350-XL has the pot wiper connected in series with a 560 ohm resistor to Q1355 (collector) on the PC-1350 bd (rather than directly connected to R504 on the PC-540 bd).

This radio also has the "bottom side" of the pot element connected to both a 1/2w 47K resistor to ground, and (the element) connected to R504 on the PC-540 bd (rather than the pot element connected only to Q1355 collector on the PC-1350 bd). The 47K resistor solder joints look like "factory" quality, but this resistor sure doesn't appear anywher on my manual schematics, nor does the 560 ohm resistor in series with the wiper, nor does the wiper to Q1355 or pot element to R504.

Can anyone confirm whether the interconnect of this drive control in this 350XL corresponds to some factory revision or mod? Or, should the drive interconnect be just as depicted on p.26 of the manual?

I'd post pics and or schematic of what I have, but understand that attachments are not allowed on this site. If 350-XL owners can check visually the drive pot, the 47K resistor (if it's present) is located on the top of the drive control pot/power switch, with one end soldered to the pot element, and the other end soldered to the case of the power switch.

Thanks VERY MUCH for any assistance. I'd sure like to get this beautiful 350XL healed, and back on the air!

73,

Allen--W7GIF

1223. Re: [atlas_radio] Assistance needed with Atlas 350-XL

Yahoo group: atlas_radio
Date: 2014-11-26 18:14:16 UTC
From: Mike
Topic: 1222 Message: 1223

Attachments are not allowed ..but you can upload to the pictures section
and link to those pics ...

With no power out ... i wonder if one of the relays are bad in the Tx
bandpass filter ... or the relay in the lowpass filter bay is gone....

Is there any Amperage draw on the Rf/amp switch indication ?

The PA power might not be pluged in .... there are 2 leads ... PA fuse
blown ?

Might of been a power oscillator and some one disabled the Tx due to not
being able to remedy it ...

There has been sugestion that a mod to the Tx mix board (PC150) to alter
the Tx mix drive chain gain is a solution .... iv not verified this due
to not having a working PC150 pcb but a OM modded PC120 to work in a
350XL .... some day i will get back to the issues my 350XL has ...

On 11/26/2014 09:40 AM, 'A R' raf_3@... [atlas_radio] wrote:
>
> I recently acquired a very nice Atlas 350XL...cosmetically beautiful,
> and receiver functions beautifully. But, no transmit. In
> troubleshooting, I've found and replace a few failed components, and
> also some discrepancies between nthe wiring in this radio and the
> schematics in the manual. Specifically, the wiring/interconnect
> between the XMIT driver pot and the PC-1350 and PC-540 boards. This
> 350XL is the later model, s/n 1277024.
> The manual schematic on p.26 that shows the XMIT drive pot
> interconnect to the PC-540 and PC-1350.
> This 350-XL has the pot wiper connected in series with a 560 ohm
> resistor to Q1355 (collector) on the PC-1350 bd (rather than directly
> connected to R504 on the PC-540 bd).
> This radio also has the "bottom side" of the pot element connected to
> both a 1/2w 47K resistor to ground, and (the element) connected to
> R504 on the PC-540 bd (rather than the pot element connected only to
> Q1355 collector on the PC-1350 bd). The 47K resistor solder joints
> look like "factory" quality, but this resistor sure doesn't appear
> anywher on my manual schematics, nor does the 560 ohm resistor in
> series with the wiper, nor does the wiper to Q1355 or pot element to R504.
> Can anyone confirm whether the interconnect of this drive control in
> this 350XL corresponds to some factory revision or mod? Or, should the
> drive interconnect be just as depicted on p.26 of the manual?
> I'd post pics and or schematic of what I have, but understand that
> attachments are not allowed on this site. If 350-XL owners can check
> visually the drive pot, the 47K resistor (if it's present) is located

> on the top of the drive control pot/power switch, with one
> end soldered to the pot element, and the other end soldered to the
> case of the power switch.
> Thanks VERY MUCH for any assistance. I'd sure like to get this
> beautiful 350XL healed, and back on the air!
> 73,
> Allen--W7GIF
>

--
Mike KC7NOA

1224. Re: [atlas_radio] Assistance needed with Atlas 350-XL

Yahoo group: atlas_radio
Date: 2014-11-26 18:54:49 UTC
From: raf_3@...
Topic: 1222 Message: 1224

Mike,
Thanks for the response. Yeah, I found both of the reed relays in the preselector cavity were not functioning due to poor connections between their pins and the pcb socket inserts. I've soldered those reed relays in, and they're both functioning OK now. Also found one of the transmit-receive transistors (Q1352 had failed. Ordered two new MPS-U02's to replace the MPS-U01A's.
Original symptoms were:
Receive works perfectly, including balanced "pitch" between USB and LSB.

When executing "XMIT" while in CW and TUNE-UP, final PA current is at "idling" level of about 1 amp and RF output is ~2 watts.. Increasing XMIT drive control has no effect.

When executing XMIT when in LSB or USB mode, the same PA current and power outputs are observed (1 amp, and ~2 watts), and no effect of increasing the XMIT drive control. Carrier is obviously present on USB and LSB transtit output, but not evident in RECEIVE mode.

My first concern was inability to increase the RF output or PA current in CW TUNE mode. But, almost more of a concern was the RF output in USB and LSB modes with no mic audio input...just keying XMIT "ON".

Getting, and installing the transistors MPS-U02 for the PC-1350 should allow me to get on with uncovering whatever else is going on. But before doing that, I'd sure like to get a handle on whether or not the drive pot interconnect on this 350XL is right, or some sort of cobbled affair.

My first suspected cause of no output was the SWR protect circuitry, since I've seen that on Cubic 102 and 103 radios (usually trim-pot intermittent wipers). I can pursue that prospect after replacing the Q1352 and Q1356.

Any, and all help is welcome.

Allen

1225. Re: [atlas_radio] Assistance needed with Atlas 350-XL

Yahoo group: atlas_radio
Date: 2014-11-27 05:28:06 UTC
From: raf_3@...
Topic: 1222 Message: 1225

Well, I don't know if the pic I posted of the resistors tied to the XMIT drive pot in my 350XL will get accessed by this link, but here goes:

https://groups.yahoo.com/neo/groups/atlas_radio/photos/photostream/lightbox/1129062391?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/1129062391 https://groups.yahoo.com/neo/groups/atlas_radio/photos/photostream/lightbox/1129062391?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/1129062391

The resistor in the center is the 560 ohm donnected between the pot wiper and Q1355 collector. The 47K carbon comp resistor is connected between the switch case (gnd) and the top-most terminal of the pot element (stator), and that top-most terminal is connected to R504 of PC-540.

None of this corresponds to the schematic interconnect for the XMIT drive pot, as depicted on p.26 of the manual.

Do any owners of later versions of the 350XL with the ganged power switch/drive pot have these two resistors at the drive pot? Or, are the drive pots on their 350XL's wired/interconnected as per the p.26 schematic?

Inputs would be appreciated.

Thanks all...
Allen

1226. Re: [atlas_radio] Assistance needed with Atlas 350-XL

Yahoo group: atlas_radio
Date: 2014-11-27 06:03:54 UTC
From: Mike
Topic: 1222 Message: 1226

Mine has another 5K pot soldered in that area ... i think its not
factory .. but some one trying to limit the max drive ...

Do you have a O-Scope ?

On 11/26/2014 09:28 PM, raf_3@... [atlas_radio] wrote:
>
>
>
> Well, I don't know if the pic I posted of the resistors tied to the
> XMIT drive pot in my 350XL will get accessed by this link, but here goes:
>
>
> https://groups.yahoo.com/neo/groups/atlas_radio/photos/photostream/lightbox/1129062391?o
rderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/1129062391
>
>
> The resistor in the center is the 560 ohm donnected between the pot
> wiper and Q1355 collector. The 47K carbon comp resistor is connected
> between the switch case (gnd) and the top-most terminal of the pot
> element (stator), and that top-most terminal is connected to R504 of
> PC-540.
>
>
> None of this corresponds to the schematic interconnect for the XMIT
> drive pot, as depicted on p.26 of the manual.
>
>
> Do any owners of later versions of the 350XL with the ganged power
> switch/drive pot have these two resistors at the drive pot? Or, are
> the drive pots on their 350XL's wired/interconnected as per the p.26
> schematic?
>
>
> Inputs would be appreciated.
>
>
> Thanks all...
>
> Allen
>
>
>

--
Mike KC7NOA

1227. Re: [atlas_radio] Assistance needed with Atlas 350-XL

Yahoo group: atlas_radio
Date: 2014-11-27 06:04:33 UTC
From: Mike
Topic: 1222 Message: 1227

Oh ..pic worked bty ..if your already logged into yahoo ...

On 11/26/2014 09:28 PM, raf_3@... [atlas_radio] wrote:
>
>
>
> Well, I don't know if the pic I posted of the resistors tied to the
> XMIT drive pot in my 350XL will get accessed by this link, but here goes:
>
>
> https://groups.yahoo.com/neo/groups/atlas_radio/photos/photostream/lightbox/1129062391?o
rderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/1129062391
>
>
> The resistor in the center is the 560 ohm donnected between the pot
> wiper and Q1355 collector. The 47K carbon comp resistor is connected
> between the switch case (gnd) and the top-most terminal of the pot
> element (stator), and that top-most terminal is connected to R504 of
> PC-540.
>
>
> None of this corresponds to the schematic interconnect for the XMIT
> drive pot, as depicted on p.26 of the manual.
>
>
> Do any owners of later versions of the 350XL with the ganged power
> switch/drive pot have these two resistors at the drive pot? Or, are
> the drive pots on their 350XL's wired/interconnected as per the p.26
> schematic?
>
>
> Inputs would be appreciated.
>
>
> Thanks all...
>
> Allen
>
>
>

--
Mike KC7NOA

1228. Re: [atlas_radio] Assistance needed with Atlas 350-XL

Yahoo group: atlas_radio
Date: 2014-11-27 06:17:24 UTC
From: A R
Topic: 1222 Message: 1228

Yes, I have a scope. But, won't be applying power until I get the two transistors on the PC-540 replaced. New ones should be here Friday or Monday. Do you mean that your 350 has a 5k pot in series with the original 10K drive pot? Is it connected between the top-most drive pot element terminal and ground? Is the wire connected to that top-most terminal white/blu? What's the color of the wire connected to the original (panel mounted) drive pot wiper?

Allen

----- Original Message -----

From: Mike Patriot121@msn.com [atlas_radio]<mailto:Patriot121@...%20[atlas_radio]>

To: atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>

Sent: Wednesday, November 26, 2014 11:03 PM

Subject: Re: [atlas_radio] Assistance needed with Atlas 350-XL

Mine has another 5K pot soldered in that area ... i think its not factory .. but some one trying to limit the max drive ...

Do you have a O-Scope ?

On 11/26/2014 09:28 PM, raf_3@...<mailto:raf_3@...> [atlas_radio] wrote:

Well, I don't know if the pic I posted of the resistors tied to the XMIT drive pot in my 350XL will get accessed by this link, but here goes:

https://groups.yahoo.com/neo/groups/atlas_radio/photos/photostream/lightbox/1129062391?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/1129062391<https://groups.yahoo.com/neo/groups/atlas_radio/photos/photostream/lightbox/1129062391?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/1129062391>

The resistor in the center is the 560 ohm donnected between the pot wiper and Q1355 collector. The 47K carbon comp resistor is connected between the switch case (gnd) and the top-most terminal of the pot element (stator), and that top-most terminal is connected to R504 of PC-540.

None of this corresponds to the schematic interconnect for the XMIT drive pot, as depicted on p.26 of the manual.

Do any owners of later versions of the 350XL with the ganged power switch/drive pot have these two resistors at the drive pot? Or, are the drive pots on their 350XL's wired/interconnected as per the p.26 schematic?

Inputs would be appreciated.

Thanks all...

Allen

--
Mike KC7NOA

#ygrp-mkp { BORDER-TOP: #d8d8d8 1px solid; FONT-FAMILY: Arial; BORDER-RIGHT: #d8d8d8 1px solid; BORDER-BOTTOM: #d8d8d8 1px solid; PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 10px; MARGIN: 10px 0px; BORDER-LEFT: #d8d8d8 1px solid; PADDING-RIGHT: 10px } #ygrp-mkp HR { BORDER-TOP: #d8d8d8 1px solid; BORDER-RIGHT: #d8d8d8 1px solid; BORDER-BOTTOM: #d8d8d8 1px solid; BORDER-LEFT: #d8d8d8 1px solid } #ygrp-mkp #hd { FONT-SIZE: 85%; FONT-WEIGHT: 700; COLOR: #628c2a; MARGIN: 10px 0px; LINE-HEIGHT: 122% } #ygrp-mkp #ads { MARGIN-BOTTOM: 10px } #ygrp-mkp .ad { PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #ygrp-mkp .ad P { MARGIN: 0px } #ygrp-mkp .ad A { TEXT-DECORATION: none; COLOR: #0000ff } #ygrp-sponsor #ygrp-lc { FONT-FAMILY: Arial } #ygrp-sponsor #ygrp-lc #hd { FONT-SIZE: 78%; FONT-WEIGHT: 700; MARGIN: 10px 0px; LINE-HEIGHT: 122% } #ygrp-sponsor #ygrp-lc .ad { MARGIN-BOTTOM: 10px; PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #actions { FONT-SIZE: 11px; FONT-FAMILY: Verdana; PADDING-BOTTOM: 10px; PADDING-TOP: 10px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #activity { FONT-SIZE: 10px; FONT-FAMILY: Verdana; FLOAT: left; PADDING-BOTTOM: 10px; PADDING-TOP: 10px; PADDING-LEFT: 10px; PADDING-RIGHT: 10px; BACKGROUND-COLOR: #e0ecee } #activity SPAN { FONT-WEIGHT: 700 } #activity SPAN:first-child { TEXT-TRANSFORM: uppercase } #activity SPAN A { TEXT-DECORATION: none; COLOR: #5085b6 } #activity SPAN SPAN { COLOR: #ff7900 } #activity SPAN .underline { TEXT-DECORATION: underline } .attach { FONT-SIZE: 12px; FONT-FAMILY: Arial; WIDTH: 400px; PADDING-BOTTOM: 10px; PADDING-TOP: 10px; PADDING-LEFT: 0px; CLEAR: both; DISPLAY: table; PADDING-RIGHT: 0px } .attach DIV A { TEXT-DECORATION: none } .attach IMG { BORDER-TOP: medium none; BORDER-RIGHT: medium none; BORDER-BOTTOM: medium none; BORDER-LEFT: medium none; PADDING-RIGHT: 5px } .attach LABEL { MARGIN-BOTTOM: 5px; DISPLAY: block } .attach LABEL A { TEXT-DECORATION: none } BLOCKQUOTE { MARGIN: 0px 0px 0px 4px } .bold { FONT-SIZE: 13px; FONT-FAMILY: Arial; FONT-WEIGHT: 700 } .bold A { TEXT-DECORATION: none } DD.last P A { FONT-FAMILY: Verdana; FONT-WEIGHT: 700 } DD.last P SPAN { FONT-FAMILY: Verdana; FONT-WEIGHT: 700; MARGIN-RIGHT: 10px } DD.last P SPAN.yshortcuts { MARGIN-RIGHT: 0px } DIV.attach-table DIV DIV A { TEXT-DECORATION: none } DIV.attach-table { WIDTH: 400px } DIV.file-title A { TEXT-DECORATION: none } DIV.file-title A:active { TEXT-DECORATION: none } DIV.file-title A:hover { TEXT-DECORATION: none } DIV.file-title A:visited { TEXT-DECORATION: none } DIV.photo-title A { TEXT-DECORATION: none } DIV.photo-title A:active { TEXT-DECORATION: none } DIV.photo-title A:hover { TEXT-DECORATION: none } DIV.photo-title A:visited { TEXT-DECORATION: none } DIV#ygrp-mlmsg #ygrp-msg P A SPAN.yshortcuts { FONT-SIZE: 10px; FONT-FAMILY: Verdana; FONT-WEIGHT: normal } .green { COLOR: #628c2a } .MsoNormal { MARGIN: 0px } o { FONT-SIZE: 0px } #photos DIV { WIDTH: 72px; FLOAT: left } #photos DIV DIV { OVERFLOW: hidden; BORDER-TOP: #666666 1px solid; HEIGHT: 62px; BORDER-RIGHT: #666666 1px solid; WIDTH: 62px; BORDER-BOTTOM: #666666 1px solid; BORDER-LEFT: #666666 1px solid } #photos DIV LABEL { OVERFLOW: hidden; FONT-SIZE: 10px; WIDTH: 64px; WHITE-SPACE: nowrap; COLOR: #666666; TEXT-ALIGN: center } #reco-category { FONT-SIZE: 77% } #reco-desc { FONT-SIZE: 77% } .replbq { MARGIN: 4px } #ygrp-actbar DIV A:first-child { PADDING-RIGHT: 5px; MARGIN-RIGHT: 2px } #ygrp-mlmsg { FONT: x-small Arial, helvetica,clean, sans-serif } #ygrp-mlmsg TABLE { FONT-SIZE: 100%; FONT-VARIANT: normal; FONT-WEIGHT: normal; FONT-STYLE: normal; LINE-HEIGHT: normal } #ygrp-mlmsg SELECT { FONT: 99% Arial, Helvetica, clean, sans-serif } INPUT { FONT: 99% Arial, Helvetica, clean, sans-serif } TEXTAREA { FONT: 99% Arial, Helvetica, clean, sans-serif } #ygrp-mlmsg PRE { FONT: 100% monospace } CODE { FONT: 100% monospace } #ygrp-mlmsg * { LINE-HEIGHT: 1.22em } #ygrp-mlmsg #logo { PADDING-BOTTOM: 10px } #ygrp-msg P A { FONT-FAMILY: Verdana } #ygrp-msg

P#attach-count SPAN { FONT-WEIGHT: 700; COLOR: #1e66ae } #ygrp-reco #reco-head { FONT-WEIGHT: 700; COLOR: #ff7900 } #ygrp-reco { MARGIN-BOTTOM: 20px; PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #ygrp-sponsor #ov LI A { FONT-SIZE: 130%; TEXT-DECORATION: none } #ygrp-sponsor #ov LI { LIST-STYLE-TYPE: square; FONT-SIZE: 77%; PADDING-BOTTOM: 6px; PADDING-TOP: 6px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #ygrp-sponsor #ov UL { PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 8px; MARGIN: 0px; PADDING-RIGHT: 0px } #ygrp-text { FONT-FAMILY: Georgia } #ygrp-text P { MARGIN: 0px 0px 1em } #ygrp-text TT { FONT-SIZE: 120% } #ygrp-vital UL LI:unknown { BORDER-RIGHT: medium none }

1229. AC Desk Supply

Yahoo group: atlas_radio
Date: 2014-12-02 06:30:04 UTC
From: johnkenney@...
Topic: 1229 Message: 1229

One of the capacitors in my Atlas 220 S desk power supply exploded. It is the one that was mounted across the small vertical sub-assembly that holds the two large diodes at the rear of the chassis. I don't have a schematic, and there wasn't enough left of the capacitor to tell the value. Is there a schematic available somewhere? I have a 210 and 210X with problems, but I will need a power supply before I can start on them. Thanks, John, W7COI

1230. Re: AC Desk Supply

Yahoo group: atlas_radio
Date: 2014-12-03 02:07:06 UTC
From: johnkenney@...
Topic: 1229 Message: 1230

OK - I didn't realize that all the A.C. Power Supplies for the ATLAS radios are basically the same, just in different enclosures. As soon as I get this supply fixed I will start on my 210X. It transmits receives well on all bands except 20M, where I get a sort of "white noise" with no signals and no output. My DD-6 digital dial reads "5520" and does not change as the VFO is changed. Any suggestions on this one? Thanks, John, W7COI

1231. 210X Improvements Doc Revision

Yahoo group: atlas_radio
Date: 2014-12-03 10:40:55 UTC
From: kiheiman@...
Topic: 1231 Message: 1231

I am in the process of releasing a major revision to the 210X Improvements document. One of the changes to this document is the removal of the info for installation of a digital display inside the 210X radio. I have created a separate document called "Atlas 210X Digital Frequency Display" and have uploaded the document to the files section of the forum.

73
Clint
W7KEC

1232. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2014-12-03 10:42:58 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1232

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 210X Digital Frequency Display.pdf
Uploaded by : kiheiman_98 <kiheiman@...>
Description : Information for installation of a digital frequency display inside a 210X
radio.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas%20210X%20Digital%20Frequency%20Display.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

kiheiman_98 <kiheiman@...>

1233. Atlas 210x dead on 20M

Yahoo group: atlas_radio
Date: 2014-12-04 06:10:58 UTC
From: johnkenney@...
Topic: 1233 Message: 1233

I have a Atlas 210 that is dead on 20M. Receiver and transmitter work fine on all other bands. 20 meters has only "white noise"; no signals or transmitter output. My DD-6 reads 5520 no matter where the rig is tuned on 20M. It appears this may be a signal injection problem or a case where a frequency that is needed for mixing is missing. The bandswitch connections and contacts appear to be OK. Is there a "weak spot" in this model that makes it prone to this problem that I should be looking for, or any hints to get on track?
Thanks, John, W7COI

1234. Re: [atlas_radio] Atlas 210x dead on 20M

Yahoo group: atlas_radio
Date: 2014-12-05 11:42:11 UTC
From: Clint
Topic: 1233 Message: 1234

If your DD-6 is reading the IF frequency, then it appears that you are not getting a signal out of your VFO on 20M. With an o-scope, you can check for a signal on pin 10 of PC-300. Inside the VFO, there are three sets of switch wafers - one for VFO coils, one for VFO capacitors, and one to switch in an additional section on the main tuning cap.

You could also have a bad switch contact – or open part in the low pass filter. That filter is common for transmit and receive. Recommend that you not try to transmit on 20M until you get the problem resolved. You can easily blow out the TX final transistors if the low pass filter is open (I have done it myself).

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Wednesday, December 03, 2014 11:10 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Atlas 210x dead on 20M

I have a Atlas 210 that is dead on 20M. Receiver and transmitter work fine on all other bands. 20 meters has only "white noise"; no signals or transmitter output. My DD-6 reads 5520 no matter where the rig is tuned on 20M. It appears this may be a signal injection problem or a case where a frequency that is needed for mixing is missing. The bandswitch connections and contacts appear to be OK. Is there a "weak spot" in this model that makes it prone to this problem that I should be looking for, or any hints to get on track?
Thanks, John, W7COI

1235. Re: [atlas_radio] Atlas 210x dead on 20M

Yahoo group: atlas_radio
Date: 2014-12-05 16:17:02 UTC
From: John Kenney
Topic: 1233 Message: 1235

OK! I appreciate the help and comments. After my 220 desk supply unit went bad, I tried the radio in another 220. That's when I found 20M was out. I thought about the comment of using an Astron 20A supply, so rather than work on fixing the original 220 supply, I built up a power lead adapter using a small ALTOIDS boxe. Hooked it up, a Walla! (?) I have all bands, including 20M, working fine, with good receiver indications and lots of power. I tested all my 210's (210, 210X, and LE) and they all seem to work fine. I probably could have used the supply that runs the 350, but I haven't seen it for a while and I am not sure that it is OK. Now I need to determine if the 220 supplies are worth fixing, or perhaps there are upgrades? In any case, thanks for helping me get back on track. John, W7COI

1236. Re: [atlas_radio] Atlas 210x dead on 20M

Yahoo group: atlas_radio
Date: 2014-12-05 16:47:06 UTC
From: Jim Strohm
Topic: 1233 Message: 1236

Hi John

The CS-220 supplies are definitely worth fixing. They are somewhat simplistic, perhaps even crude even by today's standards for analog supplies, but they get the job done and in the not too distant future they will have the same nostalgia value as a pre-war Hallicrafters.

Caveat: Once you dig deep into one of them, you'll soon discover that they appear to be made from whatever surplus the Atlas junior buyer could find that morning.

73
Jim N6OTQ

On Fri, Dec 5, 2014 at 10:17 AM, John Kenney johnkenney@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

> OK! I appreciate the help and comments. After my 220 desk supply unit
> went bad, I tried the radio in another 220. That's when I found 20M was
> out. I thought about the comment of using an Astron 20A supply, so
> rather than work on fixing the original 220 supply, I built up a power
> lead adapter using a small ALTOIDS boxe. Hooked it up, a Walla! (?) I
> have all bands, including 20M, working fine, with good receiver
> indications and lots of power. I tested all my 210's (210, 210X, and
> LE) and they all seem to work fine. I probably could have used the
> supply that runs the 350, but I haven't seen it for a while and I am
> not sure that it is OK. Now I need to determine if the 220 supplies
> are worth fixing, or perhaps there are upgrades? In any case, thanks
> for helping me get back on track. John, W7COI
>
>
> ------------------------------------
> Posted by: John Kenney <johnkenney@...>
> ------------------------------------
>

1237. Update to Atlas 210X Engineering Document

Yahoo group: atlas_radio
Date: 2014-12-10 15:07:14 UTC
From: kiheiman@...
Topic: 1237 Message: 1237

I have just uploaded major release 2 for the Atlas 210X Engineering document. The new document is titled:
Atlas 210X Engineering Supplement 12-10. The following changes have been made since the original document was released in October of 2013.

Size of document increased from 58 to 72 pages
Used different PDF conversion process to reduce size of document to 3 MB
removed section on digital display
removed signal measurement snapshots
reorganized content of major sections
added following sections:
BHI DSP module
adding a low pass filter to output of carrier oscillator
installing a heavy duty LDO voltage regulator
comparing test results of EB63 power amplifier with the stock Atlas PC-500 amplifier
Elsie models for receiver band-pass filters
appendix
Added more test results

Please let me know if any info is confusing, incomplete, incorrect, etc.

73
Clint
W7KEC

1238. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2014-12-10 15:08:31 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1238

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 210X Engineering Supplement 12-10.pdf
Uploaded by : kiheiman_98 <kiheiman@...>
Description : Major Release 2. Engineering document for repairing and improving the
operation of 210X transceivers by Kevin Murphy & Clint Chron.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas%20210X%20Engineering%20Supplement%2012-10.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

kiheiman_98 <kiheiman@...>

1239. DD-6 Digital Dial with 210X LE

Yahoo group: atlas_radio
Date: 2014-12-16 23:54:51 UTC
From: johnkenney@...
Topic: 1239 Message: 1239

I have an older DD-6 Digital Dial that I would like to use with the 210X LE. My DD-6 has no marked jumpers on the board, as are found on the DD-6C. The serial number of the LE is A1379LE, which is below #8400. The DD-6 reads correctly when used with a standard 210X with the 5520 I.F. The LE I.F. appears to be 4480(?). Does anyone have any suggestions?. Thanks, John, W7COI

1240. Re: [atlas_radio] DD-6 Digital Dial with 210X LE

Yahoo group: atlas_radio
Date: 2014-12-17 00:17:21 UTC
From: Clint
Topic: 1239 Message: 1240

The IF Frequency on later model 210Xs and all LEs was 5645 khz.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Tuesday, December 16, 2014 4:54 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] DD-6 Digital Dial with 210X LE

I have an older DD-6 Digital Dial that I would like to use with the 210X LE. My DD-6 has no marked jumpers on the board, as are found on the DD-6C. The serial number of the LE is A1379LE, which is below #8400. The DD-6 reads correctly when used with a standard 210X with the 5520 I.F. The LE I.F. appears to be 4480(?). Does anyone have any suggestions?. Thanks, John, W7COI

1241. Re: DD-6 Digital Dial with 210X LE

Yahoo group: atlas_radio
Date: 2014-12-17 02:58:49 UTC
From: johnkenney@...
Topic: 1239 Message: 1241

OK - Sounds like a new crystal is needed. Doesn't seem to be many alternatives. Maybe I will just keep it as it is and use it on the 210 or 210X. Thanks for the info. John, W7COI

1242. Re: DD-6 Digital Dial with 210X LE

Yahoo group: atlas_radio
Date: 2015-01-02 05:54:45 UTC
From: johnkenney@...
Topic: 1239 Message: 1242

Has anyone converted the DD6 frequency readout to work with the 5645khz I.F. that is found in the 210X LE? The LE I.F. is 125khz higher than the older 210X units, so I am assuming that a crystal 125khz higher should work, as long as it has the same characteristics as the original 409.6khz found in the DD6. Am I on the right track here? Please let me know. Thanks, John, W7COI

1243. Re: [atlas_radio] Re: DD-6 Digital Dial with 210X LE

Yahoo group: atlas_radio
Date: 2015-01-02 08:02:49 UTC
From: Mike
Topic: 1239 Message: 1243

You can change the counters minus or pluss (offset) by grounding / ungrounding various pins of the divide registers ...
any offset can be derived really ...

if you look at the dd6c schematic you will see that not all the same pins are grounded for the divide counters ...

On 01/01/2015 09:54 PM, johnkenney@... [atlas_radio] wrote:
>
> Has anyone converted the DD6 frequency readout to work with the
> 5645khz I.F. that is found in the 210X LE? The LE I.F. is 125khz
> higher than the older 210X units, so I am assuming that a crystal
> 125khz higher should work, as long as it has the same characteristics
> as the original 409.6khz found in the DD6. Am I on the right track
> here? Please let me know. Thanks, John, W7COI
>
>

--
Mike KC7NOA

1244. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2015-01-02 19:05:45 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1244

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas DD6 Digital Dial WW.pdf
Uploaded by : ve7lb <Roger_VE7LB@...>
Description : DD6 Manual

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas%20DD6%20Digital%20Dial%20WW.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

ve7lb <Roger_VE7LB@...>

1245. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2015-01-02 19:06:27 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1245

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /DD6 Displays/Atlas DD6 Digital Dial WW.pdf
Uploaded by : ve7lb <Roger_VE7LB@...>
Description : DD6 Manual

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/DD6%20Displays/Atlas%20DD6%20Digital%20Dial%20WW.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

ve7lb <Roger_VE7LB@...>

1246. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2015-01-02 19:06:52 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1246

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /DD6 Displays/Atlas DD6C Frequency Counter WW.pdf
Uploaded by : ve7lb <Roger_VE7LB@...>
Description : DD6C Manual

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/DD6%20Displays/Atlas%20DD6C%20Frequency%20Counter%20WW.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

ve7lb <Roger_VE7LB@...>

1247. Re: DD-6 Digital Dial with 210X LE

Yahoo group: atlas_radio
Date: 2015-01-02 19:15:51 UTC
From: Roger_VE7LB@...
Topic: 1239 Message: 1247

Hi John,
You shouldn't change the crystal. As Mike mentioned previously the correct offset can be programmed in.

When I looked at the Files area I didn't see any DD6 manuals so I created a folder and put a couple of manuals in it.

Take a look at the GD6C manual as the default offset is 5645 KHz. If you look at the DD6 and DD6C schematics/manuals you should be able to figure out how to switch yours to 5645 KHz.

73
Roger VE7LB

1248. DD6 vs DD6C

Yahoo group: atlas_radio
Date: 2015-01-02 19:21:32 UTC
From: johnkenney@...
Topic: 1248 Message: 1248

Hi - I appreciate the download and the comments/suggestions. The DD6 and DD6C are very different. The DD6C uses jumpers in conjuction with IC6 and IC7, which are 74188A ICs. The DD6 does not use these ICs, and does not have as many ICs as the DD6C. (13 in the DD6C, 12 in the DD6). I will look through the files and see if I can find a print on the DD6 to compare. Thanks, John

1249. Re: [atlas_radio] Re: DD-6 Digital Dial with 210X LE

Yahoo group: atlas_radio
Date: 2015-01-03 01:24:44 UTC
From: John Kenney
Topic: 1239 Message: 1249

On 1/2/2015 11:15 AM, Roger_VE7LB@... [atlas_radio] wrote:
>
> Hi John,
>
> You shouldn't change the crystal. As Mike mentioned previously the
> correct offset can be programmed in.
>
>
> When I looked at the Files area I didn't see any DD6 manuals so I
> created a folder and put a couple of manuals in it.
>
>
> Take a look at the GD6C manual as the default offset is 5645 KHz. If
> you look at the DD6 and DD6C schematics/manuals you should be able to
> figure out how to switch yours to 5645 KHz.
>
>
> 73
>
> Roger VE7LB
>
>

1250. Re: DD-6 Digital Dial with 210X LE

Yahoo group: atlas_radio
Date: 2015-01-03 02:02:09 UTC
From: johnkenney@...
Topic: 1239 Message: 1250

The correct offset cannot be programmed in with the DD6. There is no provision to change the offset. Adding the components and making the circuit changes that might be needed to change the offset to cover the 5645 khz I.F. with the DD6 is beyond the scope of my expertise. Thanks anyway, John

1251. WANTED - Atlas DD-7 &/or DD-8 Manuals & Schematics

Yahoo group: atlas_radio
Date: 2015-01-14 02:47:13 UTC
From: Roger_VE7LB@...
Topic: 1251 Message: 1251

I am looking for manuals and schematics for any of the Atlas DD-7, DD-7-2, DD-8 and DD-8-2 digital displays.
I have been able to find and download the freely available 7 pages that start with "Dear Customer :" but
it has limited information and no DD-7 or 8 schematic.
73
Roger VE7LB

1252. Modern D104M6B with Atlas 210???

Yahoo group: atlas_radio
Date: 2015-01-21 13:14:40 UTC
From: chrisboyce705@...
Topic: 1252 Message: 1252

I need a microphone for my Atlas 210. Has anyone used a Astatic D104M6B "power mic" with an Atlas?

I am wondering if I should bypass the amplifier or just leave it in. I also have an Audio Transformer (20K to 600) that may work with a dynamic CB mic.

If anyone has any experiance with these or other solutions to the microphone problem, I would like to get your advice. I have two 210's a 180 and a 215 and not one microphone!

Chris Boyce
N4WNH
Tampa

1253. Re: Modern D104M6B with Atlas 210???

Yahoo group: atlas_radio
Date: 2015-01-21 18:22:37 UTC
From: JACK BREWER
Topic: 1252 Message: 1253

I have used several old CB mikes with my Atlas radios and they work fine. Any high impedence mike will work but the best is a Shure mike. Don't even think about a power mike such as the D104. The D104 will work very good without the amp assemblyJackWA3VZK

1254. Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X)

Yahoo group: atlas_radio
Date: 2015-01-22 13:52:35 UTC
From: neilgoldstein@...
Topic: 1254 Message: 1254

Yahoo has told me that we can vote for a new moderator as it seems that the group owner of ATLAS210X-215X has abandoned the group. I can create a poll with anyone interested in being a moderator of ATLAS210X-215X listed and we can then vote for our new moderator. PLEASE respond to this same post over at the OTHER GROUP if you are interested in becoming a moderator so we can end the barrage of SPAM.

After we name a new moderator, that moderator can then name more moderators if need be.

I can take the position, but I do not have a lot of time to devote to it. So, if someone else would like to step up I would appreciate it, but if necessary I will take the job.

I hope that the owners/moderators here don't see this a competition, or anything else negative, as I think most of us are members of both groups anyway. I would just like to preserve all of the good information in the group while eliminating the issue.

--Neil W2NDG

1255. RE: [atlas_radio] Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X)

Yahoo group: atlas_radio
Date: 2015-01-22 15:38:20 UTC
From: Gary H. Harmon, Jr.
Topic: 1254 Message: 1255

Why not just move the members from the other group to this group and then eliminate the group? After all the appropriate notifications of course.

73,

Gary H. Harmon, Jr. - K5JWK - HAM Radio Archaeologist

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c/t

gharmon (at) idworld.net

Too many projects - Not enough time!

"Retirement = Every day is a Saturday except Sunday"

http://www.grissomroadcoc.org

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Thursday, January 22, 2015 7:53 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X)

Yahoo has told me that we can vote for a new moderator as it seems that the group owner of ATLAS210X-215X has abandoned the group. I can create a poll with anyone interested in being a moderator of ATLAS210X-215X listed and we can then vote for our new moderator. PLEASE respond to this same post over at the OTHER GROUP if you are interested in becoming a moderator so we can end the barrage of SPAM.

After we name a new moderator, that moderator can then name more moderators if need be.

1256. RE: [atlas_radio] Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X)

Yahoo group: atlas_radio
Date: 2015-01-22 15:55:23 UTC
From: jim.strohm@...
Topic: 1254 Message: 1256

Gary,

That's an idea but I'm thinking that not everybody WANTS to be moved. While I can send invitations, I can only send 100 per day. The other group has about 550 members right now. So it'd be a week of fairly tedious clerical work just to send invitations.

I don't think that yahoo allows "pushing" memberships like they once did, so even if I would sign people up without their prior knowledge or consent (and I NEVER would do that), I don't think it's possible.

Plus after the deluge of porno SPAM over there, I think it'd do as much harm as good.

Right now, members are trickling over here from there, and some members still there are seeking solutions within what yahoo will allow. For my part, I think we should maintain both groups in a healthy fashion. While I've volunteered to moderate over there, my interest is in maintaining interest and information in Atlas radios.

No matter where or how many groups we have.

73
Jim N6OTQ
owner of this group for more than a decade

---In atlas_radio@yahoogroups.com, <gharmon@idworld.net> wrote :

Why not just move the members from the other group to this group and then eliminate the group? After all the appropriate notifications of course.

73,

Gary H. Harmon, Jr. - K5JWK -

1257. RE: [atlas_radio] Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X)

Yahoo group: atlas_radio
Date: 2015-01-22 18:48:45 UTC
From: neilgoldstein@...
Topic: 1254 Message: 1257

One of the other issues is, while I may be able to facilitate someone becoming a new MODERATOR, there are certain things that can only be done by the group OWNER, which Yahoo refuses to change. Therefore I think the best way to handle this is to try to keep the group alive.

Of course, the owner could always return, take offense to us "grabbing control" and close the group, but we'll cross that bridge (or fall off of it) when it comes.

--Neil W2NDG

P.S. Thanks for letting me post the request

1258. Re: [atlas_radio] Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X)

Yahoo group: atlas_radio
Date: 2015-01-22 18:59:03 UTC
From: Clint
Topic: 1254 Message: 1258

As a side issue, we might want to make sure all of the forum files are duplicated on the other Atlas forum, in case the problem site suddenly goes away.

73
Clint

From: mailto:atlas_radio@yahoogroups.com
Sent: Thursday, January 22, 2015 11:48 AM
To: atlas_radio@yahoogroups.com
Subject: RE: [atlas_radio] Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X)

One of the other issues is, while I may be able to facilitate someone becoming a new MODERATOR, there are certain things that can only be done by the group OWNER, which Yahoo refuses to change. Therefore I think the best way to handle this is to try to keep the group alive.

Of course, the owner could always return, take offense to us "grabbing control" and close the group, but we'll cross that bridge (or fall off of it) when it comes.

--Neil W2NDG

P.S. Thanks for letting me post the request

1259. Re: [atlas_radio] Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X)

Yahoo group: atlas_radio
Date: 2015-01-22 19:19:02 UTC
From: Jim Strohm
Topic: 1254 Message: 1259

Clint,

Would you care to perform this task? :)

73
Jim N6OTQ
group owner

On Thu, Jan 22, 2015 at 12:59 PM, 'Clint' kiheiman@... [atlas_radio] <
atlas_radio@yahoogroups.com> wrote:

>
>
> As a side issue, we might want to make sure all of the forum files are
> duplicated on the other Atlas forum, in case the problem site suddenly goes
> away.
>
> 73
> Clint
>

1260. Re: [atlas_radio] Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X)

Yahoo group: atlas_radio
Date: 2015-01-22 19:32:52 UTC
From: Clint
Topic: 1254 Message: 1260

LOL – I have my files already duplicated on both forums. I think it would be up the file owners to duplicate their files. Seems to me that the best solution, as someone previously mentioned, would be to have a single forum, but that might not be possible.

73
Clint

From: mailto:atlas_radio@yahoogroups.com
Sent: Thursday, January 22, 2015 12:19 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X)

Clint,

Would you care to perform this task? :)

73

Jim N6OTQ

group owner

On Thu, Jan 22, 2015 at 12:59 PM, 'Clint' kiheiman@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

As a side issue, we might want to make sure all of the forum files are duplicated on the other Atlas forum, in case the problem site suddenly goes away.

73
Clint

1261. Re: [atlas_radio] Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X)

Yahoo group: atlas_radio
Date: 2015-01-22 20:30:27 UTC
From: Richard AG5M
Topic: 1254 Message: 1261

Can a new group simply be established, have all the files moved over, then we all go over there? Not sure how all this works thus my reason for asking. Richard AG5M ---------- On Thu, 1/22/15, 'Clint' kiheiman@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote: Subject: Re: [atlas_radio] Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X) To: atlas_radio@yahoogroups.com Date: Thursday, January 22, 2015, 11:32 AM LOL – I have my files already duplicated on both forums. I think it would be up the file owners to duplicate their files. Seems to me that the best solution, as someone previously mentioned, would be to have a single forum, but that might not be possible. 73 Clint From: mailto:atlas_radio@yahoogroups.com Sent: Thursday, January 22, 2015 12:19 PM To: atlas_radio@yahoogroups.com Subject: Re: [atlas_radio] Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X) Clint, Would you care to perform this task? :) 73 Jim N6OTQ group owner On Thu, Jan 22, 2015 at 12:59 PM, 'Clint' kiheiman@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote: As a side issue, we might want to make sure all of the forum files are duplicated on the other Atlas forum, in case the problem site suddenly goes away. 73 Clint

1262. Re: [atlas_radio] Message for anyone who is/was a member of the "other" Atlas group (ATLAS210X-215X)

Yahoo group: atlas_radio
Date: 2015-01-22 20:39:38 UTC
From: Jim Strohm
Topic: 1254 Message: 1262

Richard,

We already have a "new group" that's been around since about 6 months after the other group was created. That "new group" would be this one, founded in September 2001.

73
Jim N6OTQ

On Thu, Jan 22, 2015 at 2:30 PM, Richard AG5M ag5m@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

> Can a new group simply be established, have all the files moved over, then
> we all go over there? Not sure how all this works thus my reason for
> asking. Richard AG5M
>

1263. Something else to do with surplus diodes

Yahoo group: atlas_radio
Date: 2015-01-24 17:17:42 UTC
From: Jim Strohm
Topic: 1263 Message: 1263

Check out this link, whether or not you like to build model cars.

<http://www.modelroundup.com/product-p/pp-3600.htm>

Especially the price.

73
Jim N6OTQ

1264. Re: [atlas_radio] Something else to do with surplus diodes

Yahoo group: atlas_radio
Date: 2015-01-24 17:58:12 UTC
From: JACK BREWER
Topic: 1263 Message: 1264

I don't think that they will hold up with top racing fuels. I wonder if they are good for diesel fuel. ???JackWA3VZK

On Saturday, January 24, 2015 12:28 PM, "Jim Strohm jim.strohm@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

  Check out this link, whether or not you like to build model cars.

<http://www.modelroundup.com/product-p/pp-3600.htm>

Especially the price.

73
Jim N6OTQ

1265. Re: [atlas_radio] Something else to do with surplus diodes

Yahoo group: atlas_radio
Date: 2015-01-24 21:25:05 UTC
From: Neil Sundal
Topic: 1263 Message: 1265

So that's what they mean when someone mentions “multipurpose diodes?" LOL

On Saturday, January 24, 2015 12:58 PM, "JACK BREWER jtelrbrewer@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

I don't think that they will hold up with top racing fuels. I wonder if they are good for diesel fuel. ???JackWA3VZK

On Saturday, January 24, 2015 12:28 PM, "Jim Strohm jim.strohm@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

Check out this link, whether or not you like to build model cars.

<http://www.modelroundup.com/product-p/pp-3600.htm>

Especially the price.

73
Jim N6OTQ

1266. Atlas Article

Yahoo group: atlas_radio
Date: 2015-01-25 17:07:09 UTC
From: kdwb6343@...
Topic: 1266 Message: 1266

I am a new group member and am currently working on an Atlas article for QST. The piece will cover the history of the company, but I am concentrating mainly on the 210X/215X era. My research has come up with some - but not sufficient information – on the relationship between the Southcom SC130 and the Atlas transceivers and what role Les Earnshaw played in the design of the latter.

Can anyone here help?

I’ve had a 210X console model since they were new in the ‘70s and love the little radio. I acquired a second one about 10 years ago and one or the other still gets used from time to time in my shack.

TIA to anyone who can provide the info mentioned above or – for that matter – anything else related to the company.

73-

Joe Veras, K9OCO

1267. Re: [atlas_radio] Atlas Article

Yahoo group: atlas_radio
Date: 2015-01-25 17:19:22 UTC
From: Mike
Topic: 1266 Message: 1267

Try asking in the Atlas350XL group too ...

they have been trying hard to track down any Atlas400X owners and info ....

On 01/25/2015 09:07 AM, kdwb6343@... [atlas_radio] wrote:
>
> I am a new group member and am currently working on an Atlas article
> for /QST/. The piece will cover the history of the company, but I am
> concentrating mainly on the 210X/215X era. My research has come up
> with some - but not sufficient information – on the relationship
> between the Southcom SC130 and the Atlas transceivers and what role
> Les Earnshaw played in the design of the latter.
>
>
> Can anyone here help?
>
>
> I’ve had a 210X console model since they were new in the ‘70s and love
> the little radio. I acquired a second one about 10 years ago and one
> or the other still gets used from time to time in my shack.
>
> TIA to anyone who can provide the info mentioned above or – for that
> matter – anything else related to the company.
>
> 73-
>
> Joe Veras, K9OCO
>
>
>

--
Mike KC7NOA

1268. Re: [atlas_radio] Atlas Article

Yahoo group: atlas_radio
Date: 2015-01-26 01:30:42 UTC
From: kdwb6343@yahoo.com
Topic: 1266 Message: 1268

Thanks Mike. Will do.

1269. Members of the "other" Atlas Group, Please vote for your new moderator over at ATLAS210X-215X

Yahoo group: atlas_radio
Date: 2015-01-26 15:48:02 UTC
From: neilgoldstein@...
Topic: 1269 Message: 1269

Hi all,

I have created the poll to vote for a new moderator of the OTHER Atlas group as per instructions from Yahoo support. If you are also a member of ATLAS210X-215X in addition to this group, please head over there and take the poll. I will send the results to Yahoo in a week, and they will grant the winner moderator rights.

Thanks to everyone who volunteered to be the new moderator.

--Neil W2NDG

1270. Re: Modern D104M6B with Atlas 210???

Yahoo group: atlas_radio
Date: 2015-01-30 02:14:23 UTC
From: chrisboyce705@...
Topic: 1252 Message: 1270

I put the transformer in the CB mic and it seems to work well. The meter moves to full power with normal speech. I need to put up an antenna and try it on the air.

1271. ATLAS 180

Yahoo group: atlas_radio
Date: 2015-03-19 15:58:10 UTC
From: wayfound2000@...
Topic: 1271 Message: 1271

Hi Folks
Have aquired really nice condition 180. Super radio ,
The AF Audio is a bit "raspy" sounding which I think for a radio this old is probably normal! Any thoughts suggestions /improvements please?
I know the classic answer is to adjjust the RF gain but this doesnt seem to help here.
Also the manual suggests an idling Bias of 1/2 to 1 amp. Does this apply to the current measured in the 12v supply lead or should this show in the front meter? (Not showing on the meter here despite adjusting read adjustment through hole.
New to this group so nice to meet you all!

Pete G4HAK

1272. Re: [atlas_radio] ATLAS 180

Yahoo group: atlas_radio
Date: 2015-03-19 16:36:27 UTC
From: Mike
Topic: 1271 Message: 1272

Check the speaker .. it might be ripped ....

you could also use a audio signal generator and inject the audio into
the audio chain and follow it through the chain with a scope (i use an
ear bud) looking for distortion ...

On 03/19/2015 08:58 AM, wayfound2000@... [atlas_radio] wrote:
>
> Hi Folks
> Have aquired really nice condition 180. Super radio ,
> The AF Audio is a bit "raspy" sounding which I think for a radio this
> old is probably normal! Any thoughts suggestions /improvements please?
> I know the classic answer is to adjjust the RF gain but this doesnt
> seem to help here.
> Also the manual suggests an idling Bias of 1/2 to 1 amp. Does this
> apply to the current measured in the 12v supply lead or should this
> show in the front meter? (Not showing on the meter here despite
> adjusting read adjustment through hole.
> New to this group so nice to meet you all!
>
> Pete G4HAK
>
>
>

--
Mike KC7NOA

1273. Re: [atlas_radio] ATLAS 180

Yahoo group: atlas_radio
Date: 2015-03-19 17:19:04 UTC
From: wayfound2000@...
Topic: 1271 Message: 1273

Hello there
thanks for the swift reply
Speaker is ok and ext speaker gives same result. good idea about the AF stages. Ive got an old hand held signal injector here. About time i dusted it off. Mighend up just changing all the caps in the AF section?
73
Pete

1274. Re: [atlas_radio] ATLAS 180

Yahoo group: atlas_radio
Date: 2015-03-19 20:39:49 UTC
From: Mike
Topic: 1271 Message: 1274

Sure .. you could change all the caps ... look for suspect Tantalum caps
!!!

How does the AGC perform ... is it real fast, or numming slow ?

Might want to do a few mods .... speaking of which, does it look like
everything follows the schematics ?

Many 180 owners do mods that bring the pcb's closer to 215X revisions ....

Also ... you might want to update the VFO regulator if it has not been
done already .... -- probably not your issue -- there is a difference in
AGC caused raspyness to VFO voltage flucuation raspyness ....

On 03/19/2015 10:19 AM, wayfound2000@... [atlas_radio] wrote:
>
> Hello there
> thanks for the swift reply
> Speaker is ok and ext speaker gives same result. good idea about the
> AF stages. Ive got an old hand held signal injector here. About time i
> dusted it off. Mighend up just changing all the caps in the AF section?
> 73
> Pete
>
>

--
Mike KC7NOA

1275. Re: [atlas_radio] ATLAS 180

Yahoo group: atlas_radio
Date: 2015-03-19 18:48:17 UTC
From: Lloyd Green
Topic: 1271 Message: 1275

Try an external speaker

Sent from my iPhone

> On Mar 19, 2015, at 11:36 AM, Mike Patriot121@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:
>
> Check the speaker .. it might be ripped ....
>
> you could also use a audio signal generator and inject the audio into the audio chain and follow it through the chain with a scope (i use an ear bud) looking for distortion ...
>
>
>
>> On 03/19/2015 08:58 AM, wayfound2000@... [atlas_radio] wrote:
>>
>> Hi Folks
>> Have aquired really nice condition 180. Super radio ,
>> The AF Audio is a bit "raspy" sounding which I think for a radio this old is probably normal! Any thoughts suggestions /improvements please?
>> I know the classic answer is to adjjust the RF gain but this doesnt seem to help here.
>> Also the manual suggests an idling Bias of 1/2 to 1 amp. Does this apply to the current measured in the 12v supply lead or should this show in the front meter? (Not showing on the meter here despite adjusting read adjustment through hole.
>> New to this group so nice to meet you all!
>>
>> Pete G4HAK
>
> --
> Mike KC7NOA
>

1276. Group moderation is turned off now

Yahoo group: atlas_radio
Date: 2015-03-19 21:34:34 UTC
From: jim.strohm@...
Topic: 1276 Message: 1276

Hi all

Since the SPAM threat seems to be resolved, I've turned off group moderation.

New members will still be on moderation until they've posted a few cogent messages.

73
Moderator/Group Owner Jim N6OTQ

1277. Re: [atlas_radio] ATLAS 180

Yahoo group: atlas_radio
Date: 2015-03-21 15:50:27 UTC
From: wayfound2000@...
Topic: 1271 Message: 1277

Hi there
I have tried extention speaker but not really any better
Actually I turned the rf gain right down and still quite a bit of gain
I have come to the conclusion that there IS NO AGC!
Or if there is its really fast!
Hmm
BAck to the circuit /mods pages
Anyone experienced this prob with AGC on the Atlas's?
Need to really slow it up

All the best

Pete G4HAK

1278. ATLAS 210X NEW OWNER! :)

Yahoo group: atlas_radio
Date: 2015-03-26 05:32:03 UTC
From: n9ktw@...
Topic: 1278 Message: 1278

I am a new owner of a 210X with a DD6 ! :)..... LOVE IT!

It works pretty well except for a few minor things. 1) The AGC doesnt appear to be working too well, there are times that when hearing a weak signal, and a stronger one comes it is is way too loud. 2) When turning the volume up past 3/4 up, there is a nasty squealing in the speaker, I first thought it might be a bad speaker of a microphonic in the radio, but an external speaker made no difference.

I have some test equipment and a service manual, but "I dont want to just randomly start "poking around" since the radio is generally working.

Does anyone have any ideas???

de Howard, N9KTW

1279. Re: [atlas_radio] ATLAS 210X NEW OWNER! :)

Yahoo group: atlas_radio
Date: 2015-03-26 10:20:22 UTC
From: pete torrance
Topic: 1278 Message: 1279

Hi Howard
Congrats on radio!The first thing to try is removing and reseating the boards as they get grubby and cause problems. Did this with my 180 and it worked wellPeteG4HAK

On Thursday, 26 March 2015, 5:32, "n9ktw@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

> I am a new owner of a 210X with a DD6 ! :)..... LOVE IT!

It works pretty well except for a few minor things. 1) The AGC doesnt appear to be working too well, there are times that when hearing a weak signal, and a stronger one comes it is is way too loud. 2) When turning the volume up past 3/4 up, there is a nasty squealing in the speaker, I first thought it might be a bad speaker of a microphonic in the radio, but an external speaker made no difference.

I have some test equipment and a service manual, but "I dont want to just randomly start "poking around" since the radio is generally working.

Does anyone have any ideas???

de Howard, N9KTW

1280. Re: ATLAS 210X NEW OWNER! :)

Yahoo group: atlas_radio
Date: 2015-03-26 10:36:54 UTC
From: allansavins@...
Topic: 1278 Message: 1280

Hi Howard,

The squealing sound you are getting with high volume setting is probably dried out electrolytics. A blanket replacement of the electros usually brightens the radio up.

73,
Allan
VK2EFM

1281. Re: [atlas_radio] Re: ATLAS 210X NEW OWNER! :)

Yahoo group: atlas_radio
Date: 2015-03-26 12:20:13 UTC
From: Bill Cromwell
Topic: 1278 Message: 1281

Hi,

I have a 180 with the same problem (squealing) and cleaning/resetting the boards is the lowest hanging fruit. It has worked before but now I am down to replacing those dried out caps. Give your radio the needed TLC and enjoy it.

73,

Bill KU8H

On 03/26/2015 06:36 AM, allansavins@... [atlas_radio] wrote:
>
> Hi Howard,
>
>
> The squealing sound you are getting with high volume setting is
> probably dried out electrolytics. A blanket replacement of the
> electros usually brightens the radio up.
>
> 73,
> Allan
> VK2EFM
>

1282. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2015-03-27 12:05:29 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1282

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Pulse Noise Generator.pdf
Uploaded by : kiheiman_98 <kiheiman@...>
Description : Easy to build pulse noise generator for adjusting the noise threshold on the PC-120 board.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Pulse%20Noise%20Generator.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

kiheiman_98 <kiheiman@...>

1283. Pulse Noise Generator

Yahoo group: atlas_radio
Date: 2015-03-27 12:10:03 UTC
From: kiheiman@...
Topic: 1283 Message: 1283

On the later version PC-120 boards, there is a single adjustment for setting the noise threshold of the noise blanker. In order to make this adjustment, one needs some type of pulse noise generator. I have uploaded a document to the Files Section that provides info on how to build a simple pulse noise generator. This generator call also be used for testing the ignition noise rejection on radios other than Atlas units. On my Flex 3000, the NB control on the display removes the pulse noise. On my Yaesu FT-857, there is no pulse noise to remove.

1284. Atlas 210x vfo/dial tracking help....please

Yahoo group: atlas_radio
Date: 2015-03-27 14:17:07 UTC
From: zelasko54@...
Topic: 1284 Message: 1284

Hello
The dial tracking on my 210x is not as linear as I hope it might be.
Here is what I am seeing after calibrating each band VFO trimmer and after moving 10 meters down to 28-29kHz. The 100kHz calibrator was also aligned so that it is accurate in the HF spectrum. Any advice on what may be suspect/done to improve linearity would be most appreciated!

Internal 100kHz calibrator as reference Zero beat at low band edge (i.e. 3700, 7000 etc.)
Dial Set Actual Variance in kHz 3700 3700 0 3800 3799 -1 3900 3904 4 4000 4008 8 7000 7000 0 7100 7100 0 7200 7206 6 7300 7311 11 14000 14000 0 14100 14100 0 14200 14205 5 14300 14309 9 21100 21100 0 21200 21199 -1 21300 21304 4 21400 21405 5 28000 28000 0 28100 28109 9 28200 28212 12 28300 28330 30 28400 28438 38 28500 28545 45

1285. Re: [atlas_radio] Atlas 210x vfo/dial tracking help....please

Yahoo group: atlas_radio
Date: 2015-03-27 14:50:45 UTC
From: Clint
Topic: 1284 Message: 1285

I think what you are seeing is pretty much in the ball park of a typical 210X. The later versions were a little bit more linear and stable than the earlier versions. On one of my 210X LE units, I saw about 10 Khz difference between 3700 Khz and 4000 Khz.

Please keep in mind that there are 22 each 1 KHz divisions on the dial skirt, so when you tune 100 Khz on the plastic frequency drum, you have turned about 113 each of the 1 Khz divisions.
You also need to factor in the slip factor of the tuning knob and actual movement of the tuning capacitor. To check for slip, line up the frequency red line at an even 100 Khz mark on the dial drum and then mark the Khz division on the dial skirt. Tune up and down the band and then return to the same 100 Khz marking on the dial drum. You will probably see that you are now several divisions off from the original dial skirt marking.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Friday, March 27, 2015 7:17 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Atlas 210x vfo/dial tracking help....please

Hello

The dial tracking on my 210x is not as linear as I hope it might be.

Here is what I am seeing after calibrating each band VFO trimmer and after moving 10 meters down to 28-29kHz. The 100kHz calibrator was also aligned so that it is accurate in the HF spectrum. Any advice on what may be suspect/done to improve linearity would be most appreciated!

Internal 100kHz calibrator as reference
Zero beat at low band edge (i.e. 3700, 7000 etc.)
Dial Set Actual Variance in kHz

3700 3700 0
3800 3799 -1
3900 3904 4
4000 4008 8

7000 7000 0
7100 7100 0
7200 7206 6
7300 7311 11

14000 14000 0
14100 14100 0

```
14200 14205 5
14300 14309 9

21100 21100 0
21200 21199 -1
21300 21304 4
21400 21405 5

28000 28000 0
28100 28109 9
28200 28212 12
28300 28330 30
28400 28438 38
28500 28545 45
```

1286. Re: [atlas_radio] Atlas 210x vfo/dial tracking help....please

Yahoo group: atlas_radio
Date: 2015-03-27 15:02:54 UTC
From: Mike
Topic: 1284 Message: 1286

Get a digital VFO .....

The dial is used in such a fashion that it gets you close to the
operating frequency .... its an analogue mobile, not a digital radio.

IF you want the dial to agree with actual frequency (this is a relative
term) then use the calibrator closest to the frequency you want to use.

I have never had a mobile that was "spot on" on every band on the top
and bottom of the band.
always knew i was where i wanted to be on the band (nets) by the voices
i recognised .... else i used the calibrator.

On 03/27/2015 07:17 AM, zelasko54@... [atlas_radio] wrote:
>
>
> Hello
>
> The dial tracking on my 210x is not as linear as I hope it might be.
>
> Here is what I am seeing after calibrating each band VFO trimmer and
> after moving 10 meters down to 28-29kHz. The 100kHz calibrator was
> also aligned so that it is accurate in the HF spectrum. Any advice on
> what may be suspect/done to improve linearity would be most appreciated!
>
> _*Internal 100kHz calibrator as reference*_
> _*Zero beat at low band edge (i.e. 3700, 7000 etc.)*_
> *Dial Set* *Actual* *Variance in kHz* **
> **
> **
> **
> **
> 3700 3700 0
> 3800 3799 -1
> 3900 3904 4
> 4000 4008 8
>
>
>
>
> 7000 7000 0
> 7100 7100 0
> 7200 7206 6
> 7300 7311 11
>
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>
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> 14000 14000 0
> 14100 14100 0
> 14200 14205 5
> 14300 14309 9
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> 21100 21100 0
> 21200 21199 -1
> 21300 21304 4
> 21400 21405 5
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> 28000 28000 0
> 28100 28109 9
> 28200 28212 12
> 28300 28330 30
> 28400 28438 38
> 28500 28545 45
>
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>
>
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>

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Mike KC7NOA

1287. Re: [atlas_radio] Atlas 210x vfo/dial tracking help....please

Yahoo group: atlas_radio
Date: 2015-03-27 15:04:46 UTC
From: Mike
Topic: 1284 Message: 1287

If you didn't know ... Atlas made a digital counter for their radios ...
called a DD6/DD6c

On 03/27/2015 08:02 AM, Mike Patriot121@... [atlas_radio] wrote:
>
> Get a digital VFO .....
>
> The dial is used in such a fashion that it gets you close to the
> operating frequency .... its an analogue mobile, not a digital radio.
>
> IF you want the dial to agree with actual frequency (this is a
> relative term) then use the calibrator closest to the frequency you
> want to use.
>
> I have never had a mobile that was "spot on" on every band on the top
> and bottom of the band.
> always knew i was where i wanted to be on the band (nets) by the
> voices i recognised .... else i used the calibrator.
>
>
> On 03/27/2015 07:17 AM, zelasko54@... [atlas_radio] wrote:
>>
>>
>> Hello
>>
>> The dial tracking on my 210x is not as linear as I hope it might be.
>>
>> Here is what I am seeing after calibrating each band VFO trimmer and
>> after moving 10 meters down to 28-29kHz. The 100kHz calibrator was
>> also aligned so that it is accurate in the HF spectrum. Any advice on
>> what may be suspect/done to improve linearity would be most appreciated!
>>
>> _*Internal 100kHz calibrator as reference*_
>> _*Zero beat at low band edge (i.e. 3700, 7000 etc.)*_
>> *Dial Set* *Actual* *Variance in kHz* **
>> **
>> **
>> **
>> **
>> 3700 3700 0
>> 3800 3799 -1
>> 3900 3904 4
>> 4000 4008 8
>>
>>

>>
>>
>> 7000 7000 0
>> 7100 7100 0
>> 7200 7206 6
>> 7300 7311 11
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>>
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>> 14000 14000 0
>> 14100 14100 0
>> 14200 14205 5
>> 14300 14309 9
>>
>>
>>
>>
>> 21100 21100 0
>> 21200 21199 -1
>> 21300 21304 4
>> 21400 21405 5
>>
>>
>>
>>
>> 28000 28000 0
>> 28100 28109 9
>> 28200 28212 12
>> 28300 28330 30
>> 28400 28438 38
>> 28500 28545 45
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>
> --
> Mike KC7NOA
>

--
Mike KC7NOA

1288. Re: [atlas_radio] Re: ATLAS 210X NEW OWNER! :)

Yahoo group: atlas_radio
Date: 2015-03-27 17:48:13 UTC
From: n9ktw@...
Topic: 1278 Message: 1288

One last question on the "new" 210X.

Is the microphone high or low impedance???? I am currently using an "amplified CB" (TELEX CB-73with a clear case (looks cool)) mic, but would prefer to use a simple non-amplified microphone.

Any ideas?????

I will be working on contact cleaning later today.

de Howard, N9KTW

1289. Re: [atlas_radio] Re: ATLAS 210X NEW OWNER! :)

Yahoo group: atlas_radio
Date: 2015-03-27 18:49:23 UTC
From: Mike
Topic: 1278 Message: 1289

I use a D-104 ....

On 03/27/2015 10:48 AM, n9ktw@... [atlas_radio] wrote:
>
> One last question on the "new" 210X.
>
> Is the microphone high or low impedance???? I am currently using an
> "amplified CB" (TELEX CB-73with a clear case (looks cool)) mic, but
> would prefer to use a simple non-amplified microphone.
>
> Any ideas?????
>
> I will be working on contact cleaning later today.
>
>
> de Howard, N9KTW
>
>

--
Mike KC7NOA

1290. Re: [atlas_radio] Re: ATLAS 210X NEW OWNER! :)

Yahoo group: atlas_radio
Date: 2015-03-27 19:33:56 UTC
From: Neil Sundal
Topic: 1278 Message: 1290

High Impedance. I use the small Shure 414A mic that I believe came with the radio originally. Another mic that is small and works great in the mobile is the Johnson ceramic mic that is commonly seen on the early Johnson CB radios. They’re also High Z.

On Friday, March 27, 2015 2:49 PM, "Mike Patriot121@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

  I use a D-104 ....

On 03/27/2015 10:48 AM, n9ktw@... [atlas_radio] wrote:

  One last question on the "new" 210X.

Is the microphone high or low impedance???? I am currently using an "amplified CB" (TELEX CB-73with a clear case (looks cool)) mic, but would prefer to use a simple non-amplified microphone.

Any ideas?????

I will be working on contact cleaning later today.

de Howard, N9KTW

--
Mike KC7NOA

1291. Re: [atlas_radio] Re: ATLAS 210X NEW OWNER! :)

Yahoo group: atlas_radio
Date: 2015-04-02 06:09:59 UTC
From: n9ktw@...
Topic: 1278 Message: 1291

Ok so the mic is hi impedance. I have a turner 250 series mic (non amplified) which has a 600 Ohm dynamic element. I am thinking since there is room in the head of putting a 600x10k transformer. In theory this should work..... Any comments?????? Would I be better with a 350Chi impedance mic? I kinda like the "goofy" 250 with the lift switch mechanism....

de Howard, N9KTW

PS the radio is now working fine a little contact cleaner on the boards did it! :) (AGC may still need new caps, but I made a bunch of contacts last weekend in the SSB contest)

1292. Re: [atlas_radio] Re: ATLAS 210X NEW OWNER! :)

Yahoo group: atlas_radio
Date: 2015-04-02 09:13:12 UTC
From: Jack Griffin
Topic: 1278 Message: 1292

Where would you get that 600x10k transformer for the mike?Thank you, Jack, WA1BRI

1293. Re: [atlas_radio] Re: ATLAS 210X NEW OWNER! :)

Yahoo group: atlas_radio
Date: 2015-04-02 13:40:12 UTC
From: Jim Strohm
Topic: 1278 Message: 1293

Hi all

Just about any audio transformer will likely be close enough to work. Just be sure to get the high and low impedance sides oriented correctly in your circuit.

It's worth mentioning that in the 1960s, Radio Shack sold a microphone something like this that was switchable between low and high impedance, by way of a switch in the base and a tiny audio transformer buried inside the mic body.

You may be able to harvest an audio transformer from an old transistor radio or CB. Incidentally, "high impedance" is nominally 50K ohms and "low impedance" is 600 ohms, at least for microphones. Anything close to the ratio 50,000 : 600 will work;msome experimentation may be in order.

73
Jim N6OTQ

On Thu, Apr 2, 2015 at 4:13 AM, Jack Griffin jtg4300@...
[atlas_radio] <atlas_radio@yahoogroups.com> wrote:

>
>
> Where would you get that 600x10k transformer for the mike?
> Thank you, Jack, WA1BRI
>
>
>
>
>

1294. Altas 180 AGC solution

Yahoo group: atlas_radio
Date: 2015-04-04 15:08:01 UTC
From: wayfound2000@...
Topic: 1294 Message: 1294

Hello Altas Gentleman

I have been enjoying the '180 over the last few weeks but The AGC pumping and Audio Distortion has been spoiling it somewhat. After lots of research I carried out the AGC mods shown here:

Atlas Radio Mods http://www.wireless.org.uk/atlas/mods.htm
This helped quite a bit by changing the Ratio of the AGC component values. But...as a result of the 9v1 zener accross C206 , the overall gain was overly reduced. so I put a 10K Variable in series with the zener, Presto.....I can now adjust this to get the balance between gain / overshoot. Works well for me anyway. After getting it just right I just measured the Resistance of the now set variable and replaced it with a fixed resistor of same value (near enough!). This has made a tremendous difference!
Note you will have to adjust the S meter Zero pot after these mods.
Hope this is helpful!
73

Pete G4HAK

1295. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2015-04-23 16:48:51 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1295

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas350XL/350xl cw thump fix.JPG
Uploaded by : bonapart2003 <jerryind@...>
Description : I added a delay to the audio mute (Q302) to reduce cw thumping. The fix is on PC320.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas350XL/350xl%20cw%20thump%20fix.JPG

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

bonapart2003 <jerryind@...>

1296. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2015-04-28 15:33:25 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1296

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 210-215 Ad - Ham Radio Magazine July 1976.pdf
Uploaded by : tsmerk <tom.smerk@...>
Description : Here is a scan of a magazine ad in Ham Radio Magazine, July 1976, of the Atlas 210x/215x. For some nice scans of the Atlas 350-XL, visit the Atlas_350XL_ forum here on Yahoo.

Tom AA6TS (350-XL owner/user)

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas%20210-215%20Ad%20-%20Ham%20Radio%20Magazine%20July%201976.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

tsmerk <tom.smerk@...>

1297. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2015-04-28 15:34:43 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1297

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 210x215x Magazine Ad - Ham Radio Sept 1978.pdf
Uploaded by : tsmerk <tom.smerk@...>
Description : Here is a scan of a magazine ad in Ham Radio Magazine, September 1978, of the Atlas 210x/215x. For some nice scans of the Atlas 350-XL, visit the Atlas_350XL_ forum here on Yahoo.

Tom AA6TS (350-XL owner/user)

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas%20210x215x%20Magazine%20Ad%20-%20Ham%20Radio%20Sept%201978.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

tsmerk <tom.smerk@...>

1298. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2015-04-28 15:36:06 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1298

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 210x Magazine Ad - Ham Radio May 1979.pdf
Uploaded by : tsmerk <tom.smerk@...>
Description : Here is a scan of a magazine ad in Ham Radio Magazine, May 1979, of the Atlas 210x. For some nice scans of the Atlas 350-XL, visit the Atlas_350XL_ forum here on Yahoo.

Tom AA6TS (350-XL owner/user)

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas%20210x%20Magazine%20Ad%20-%20Ham%20Radio%20May%201979.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

tsmerk <tom.smerk@...>

1299. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2015-04-29 15:14:31 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1299

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 110 Magazine Ad - Ham Radio Feb 1979.pdf
Uploaded by : tsmerk <tom.smerk@...>
Description : Here's a scan of an old magazine ad for the Atlas 110. I've never seen one of these! Jpeg also available if anyone needs it.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas%20110%20Magazine%20Ad%20-%20Ham%20Radio%20Feb%201979.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

tsmerk <tom.smerk@...>

1300. Signal purity from TX input filter outputs.

Yahoo group: atlas_radio
Date: 2015-05-10 01:40:23 UTC
From: kansas_tech206@...
Topic: 1300 Message: 1300

Hi all. I notice on my Atlas 210x in the tune mode, the output rather than looking more like a sine wave is a sine wave with some other signal riding along on top of it. 80 meters the worst 40 meters the next worst. I removed the input coax to the PA and looked at it by itself and the rf sgnal still looks like it has other components riding on the signal. This coax comes right from the TX input filter. Then I looked at the RF going into the TX filters from the IF board. Looks about the same. Lots of stuff riding along on the signa wave.
How pure is that signal typically in the CW or tune mode from the PA.

1301. RE: [atlas_radio] Signal purity from TX input filter outputs.

Yahoo group: atlas_radio
Date: 2015-05-10 19:37:16 UTC
From: Clint
Topic: 1300 Message: 1301

Do you see the same problem at low drive levels? 73 Clint W7KEC Sent from my Verizon Wireless 4G LTE smartphone
-------- Original message --------
From: "kansas_tech206@yahoo.com [atlas_radio]"
Date:05/09/2015 6:40 PM (GMT-07:00)
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Signal purity from TX input filter outputs.

Hi all. I notice on my Atlas 210x in the tune mode, the output rather than looking more like a sine wave is a sine wave with some other signal riding along on top of it. 80 meters the worst 40 meters the next worst. I removed the input coax to the PA and looked at it by itself and the rf sgnal still looks like it has other components riding on the signal. This coax comes right from the TX input filter. Then I looked at the RF going into the TX filters from the IF board. Looks about the same. Lots of stuff riding along on the signa wave. How pure is that signal typically in the CW or tune mode from the PA.

1302. Atlas 180 - Knobs and chassis diagram

Yahoo group: atlas_radio
Date: 2015-05-16 18:24:47 UTC
From: g4fph@...
Topic: 1302 Message: 1302

Have just made an impulse purchase of an Atlas 180 to go with my two 215x.

The radio looks to be in good order (haven't taken delivery yet), but I noticed it is missing the aluminium inserts on the VFO and dial set knobs. Does anyone in the group have these parts (or the complete knobs!) for sale?

I recall also that the wiring of the 9-pin connectors on the Atlas mobiles changed over the years. I have an 'Issue C' chassis wiring diagram, dated '7-15-74', and another dated 26 January 1977. I think the later diagram is correct for my 215x, with the earlier a possibility for the 180 / plain 210/215. Does anyone in the group have any other variants of this diagram, or a 180 specific one, perhaps?

Regards,

Mark.

1303. Re: Atlas 180 - Knobs and chassis diagram

Yahoo group: atlas_radio
Date: 2015-05-21 09:05:02 UTC
From: g4fph@...
Topic: 1302 Message: 1303

Well, I received my 180.

It's a good as the pictures promised. It's a 'TD' serial number. I hadn't apprciated there was more than one version of the 180. The PDF manual I have shows a separate 'CAL' slider switch on the front panel and a PC100 card with fewer contacts on the edge connector. I'm guessing that these were features of the very first radio out of the factory, as mine has 'CAL' on the rotary switch, plus a 22-contact PC-100.

Internally the radio appears to be largely original, and with original driver and PA transistors. TX produces rated power and sounds nice into a dummy load, but a bit distorted-sounding on 160 last night into my dipole with it's non-perfect match.

The receiver AGC was struggling on large signals, noticeably worse than my 215x in this regard.

The radio works without any jumpers in the B9A oscillator socket on the back. It seems that the necessary links were factory wired inside the radio, with the user left to cut them if using extranal 10X or 206 oscillators.

I wonder if it has the classic Atlas transceive error...

I'm still in the market for those parts in my original post, if anyone can help.

Regards,

Mark.

1304. Atlas 210 - Subtracting IF instead of Adding

Yahoo group: atlas_radio
Date: 2015-07-17 13:31:37 UTC
From: n5tti@...
Topic: 1304 Message: 1304

Good day,
I have an Atlas 210 (not the X) and on the 15 meter band it seems to be subtracting the IF from the Local Oscillator instead of adding.
if i tune the Local oscillator to 15520kc i hear WWV 10Mc instead of the 15 meter CW band (21040kc)

It only happens on the 15 meter band, and I'm not certain where to start on correcting this issue
Any help would be greatly appreciated
Other than that it's a great little rig!

Thanks,
Tom
N5TTI

1305. Re: [atlas_radio] Atlas 210 - Subtracting IF instead of Adding

Yahoo group: atlas_radio
Date: 2015-07-17 14:58:12 UTC
From: Mike
Topic: 1304 Message: 1305

the vfo tuning slugs are separate for each band .... some one must have
retuned for it down to 20Mhz. (or some real weird failure)

be careful removing the clear drum -- its quite fragile from its old age
--- if it needs removed ....

you should be able to re-tune 15m by turning the main knob to the top or
the bottom of the band to clear the 15m slug hole (not sure if im
thinking of another Atlas or not).

On 07/17/2015 06:31 AM, n5tti@outlook.com [atlas_radio] wrote:
>
> Good day,
> I have an Atlas 210 (not the X) and on the 15 meter band it seems to
> be subtracting the IF from the Local Oscillator instead of adding.
> if i tune the Local oscillator to 15520kc i hear WWV 10Mc instead of
> the 15 meter CW band (21040kc)
>
> It only happens on the 15 meter band, and I'm not certain where to
> start on correcting this issue
> Any help would be greatly appreciated
> Other than that it's a great little rig!
>
> Thanks,
> Tom
> N5TTI
>
>
>

--
Mike KC7NOA

1306. Re: [atlas_radio] Atlas 210 - Subtracting IF instead of Adding

Yahoo group: atlas_radio
Date: 2015-07-19 02:13:55 UTC
From: n5tti@...
Topic: 1304 Message: 1306

unfortunately, its not moved up to 20MHZ, its subtracting 5520kc(instead of adding it) and down on 10Mc
when the Local osc is tuned to 15659, I get JT65, (subtract the 5520 and you get 10139kc)
at 15620 (local oscillator) I hear RTTY (subtract the IF and you get 10100)
One operator that I copied has his logbook online, and shows that he's on 30 meter band

1307. Re: Atlas 210 - Subtracting IF instead of Adding

Yahoo group: atlas_radio
Date: 2015-07-19 02:45:52 UTC
From: kiheiman@...
Topic: 1304 Message: 1307

The receiver front end band pass filters on the Atlas radios are not very good. I regularly tune to 21.290 Mhz on my 210X LE to pick up WWV on 10 Mhz (my IF is 5645 KHz). For this test radio, I have built a new set of band pass filters for all 5 bands. With the new filter, I can no longer pick up the 10 Mhz WWV station when I am on the 15 M band. Recommend that you check the receiver sensitivity on the 15 meter band. You will probably fine that it is OK.

73
Clint

1308. PC-300 B schematic?

Yahoo group: atlas_radio
Date: 2015-07-20 22:26:19 UTC
From: paul.aa9gg@...
Topic: 1308 Message: 1308

Hello all....
I have an Atlas-210...NOT an "X" version. The 300 board in there marked PC-300-B. I can only seem to find a 300-C schematic. Should I be too concerned before I start to dig in? Anyone know what the diff. may be...or even have a PC-300-B schematic?

Thanks....
Paul, AA9GG

1309. Re: [atlas_radio] PC-300 B schematic?

Yahoo group: atlas_radio
Date: 2015-07-20 23:08:28 UTC
From: Mike
Topic: 1308 Message: 1309

don't worry too much .... the C had minor improvements that i remember .... if you have a problem and cant extrapolate from the 300C schematic .. never hurts to ask here ...

Did you look at the Atlas 180 schematic? it just says PC300 with no sub version ....

On 07/20/2015 03:26 PM, paul.aa9gg@gmail.com [atlas_radio] wrote:
>
> Hello all....
> I have an Atlas-210...NOT an "X" version. The 300 board in there
> marked PC-300-B. I can only seem to find a 300-C schematic. Should I
> be too concerned before I start to dig in? Anyone know what the diff.
> may be...or even have a PC-300-B schematic?
>
> Thanks....
> Paul, AA9GG
>
>

--
Mike KC7NOA

1310. Re: [atlas_radio] PC-300 B schematic?

Yahoo group: atlas_radio
Date: 2015-07-21 12:01:48 UTC
From: Paul Mateer
Topic: 1308 Message: 1310

I have the manual for the 210-X.....

On Mon, Jul 20, 2015 at 6:08 PM, Mike Patriot121@... [atlas_radio] <
atlas_radio@yahoogroups.com> wrote:

>
>
> don't worry too much .... the C had minor improvements that i remember
> .... if you have a problem and cant extrapolate from the 300C schematic ..
> never hurts to ask here ...
>
> Did you look at the Atlas 180 schematic? it just says PC300 with no sub
> version ....
>
> On 07/20/2015 03:26 PM, paul.aa9gg@... [atlas_radio] wrote:
>
>
>
> Hello all....
> I have an Atlas-210...NOT an "X" version. The 300 board in there marked
> PC-300-B. I can only seem to find a 300-C schematic. Should I be too
> concerned before I start to dig in? Anyone know what the diff. may be...or
> even have a PC-300-B schematic?
>
> Thanks....
> Paul, AA9GG
>
>
> --
> Mike KC7NOA
>
>
>

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

1311. Re: [atlas_radio] PC-300 B schematic?

Yahoo group: atlas_radio
Date: 2015-07-21 15:46:12 UTC
From: Mike
Topic: 1308 Message: 1311

now you can get the manual for the 180 too .... just download the pdf

http://atlas.wireless.org.uk/manuals.htm

On 07/21/2015 05:01 AM, Paul Mateer paul.aa9gg@... [atlas_radio]
wrote:
> I have the manual for the 210-X.....
>
> On Mon, Jul 20, 2015 at 6:08 PM, Mike Patriot121@...
> <mailto:Patriot121@...> [atlas_radio] <atlas_radio@yahoogroups.com
> <mailto:atlas_radio@yahoogroups.com>> wrote:
>
> don't worry too much .... the C had minor improvements that i
> remember .... if you have a problem and cant extrapolate from the
> 300C schematic .. never hurts to ask here ...
>
> Did you look at the Atlas 180 schematic? it just says PC300 with
> no sub version ....
>
> On 07/20/2015 03:26 PM, paul.aa9gg@gmail.com
> <mailto:paul.aa9gg@...> [atlas_radio] wrote:
>>
>> Hello all....
>> I have an Atlas-210...NOT an "X" version. The 300 board in there
>> marked PC-300-B. I can only seem to find a 300-C schematic.
>> Should I be too concerned before I start to dig in? Anyone know
>> what the diff. may be...or even have a PC-300-B schematic?
>>
>> Thanks....
>> Paul, AA9GG
>>
>
> --
> Mike KC7NOA
>
>
>
>
> --
> Paul Mateer, AA9GG
> Elan Engineering Corp.
> www.elanengr.com <http://www.elanengr.com>
> NAQCC 3123, SKCC 4628, FPQRP 2003
>

--
Mike KC7NOA

1312. Atlas 350XL intermittent receiver

Yahoo group: atlas_radio
Date: 2015-08-30 18:56:19 UTC
From: Nu7z@...
Topic: 1312 Message: 1312

Hi to the group -- I just encountered an issue with my Atlas 350XL and thought I would share it with you.

I began to have intermittent receive on all bands, and troubleshooting indicated that a relay was going bad. At first I thought it was one of the relays in the area of the preselector but upon closer examination I found it was between the antenna and the receiver. It took me some time to find the relay for the antenna and I found that it was not a conventional T/R set up. If you look on your wiring drawing you'll find that its between the PA and the filter board, on mounted on the low pass board. This is located behind the cover on the back of the radio, behind the antenna connector.
Once I got the board out of the containment box and disassembled things I found a small DIP relay on the board, mounted into a DIP socket. When I removed the relay to check it I found that Pin 1 on the relay was burned through and stuck in the socket. This relay is a Magnacraft -- W173 DIP 3 which is no longer made. However, it was pretty obvious that it was 12Vdc and about 1amp. And running QSK, with it would put about 50 to 60 volts of RF to ground through the contacts. Anyway, that's the theory, right or wrong -- it burned the pin off of the relay. Knowing that this particular relay was no longer made I found in my parts box a very nice, sealed, PC board relay that was 12Vdc and had 5 amp contacts. I cleaned off the socket from the board, and made space for the new one. I soldered it into the circuit and now all is well.

Good Luck -- Rick W7RNB

1313. Re: [atlas_radio] Atlas 350XL intermittent receiver

Yahoo group: atlas_radio
Date: 2015-08-31 02:40:34 UTC
From: Clint
Topic: 1312 Message: 1313

RF Parts lists a W172 relay under their Atlas parts section. Never could figure where the relay was used - I knew that the 210 series radios did not use the relay. Perhaps this relay is the same as the one that you replaced in your 350.

73
Clint
W7KEC

Sent from my iPad

> On Aug 30, 2015, at 11:56 AM, Nu7z@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>
> Hi to the group -- I just encountered an issue with my Atlas 350XL and thought I would share it with you.
>
> I began to have intermittent receive on all bands, and troubleshooting indicated that a relay was going bad. At first I thought it was one of the relays in the area of the preselector but upon closer examination I found it was between the antenna and the receiver. It took me some time to find the relay for the antenna and I found that it was not a conventional T/R set up. If you look on your wiring drawing you'll find that its between the PA and the filter board, on mounted on the low pass board. This is located behind the cover on the back of the radio, behind the antenna connector.
> Once I got the board out of the containment box and disassembled things I found a small DIP relay on the board, mounted into a DIP socket. When I removed the relay to check it I found that Pin 1 on the relay was burned through and stuck in the socket. This relay is a Magnacraft -- W173 DIP 3 which is no longer made. However, it was pretty obvious that it was 12Vdc and about 1amp. And running QSK, with it would put about 50 to 60 volts of RF to ground through the contacts. Anyway, that's the theory, right or wrong -- it burned the pin off of the relay. Knowing that this particular relay was no longer made I found in my parts box a very nice, sealed, PC board relay that was 12Vdc and had 5 amp contacts. I cleaned off the socket from the board, and made space for the new one. I soldered it into the circuit and now all is well.
>
> Good Luck -- Rick W7RNB
>
>
>
>

1314. Re: [atlas_radio] Atlas 350XL intermittent receiver

Yahoo group: atlas_radio
Date: 2015-08-31 02:52:53 UTC
From: Mike
Topic: 1312 Message: 1314

in 2 places that i know of ... one in the low pass filter compartment
... and the other (X2) is in the first Rx RF amp area where the band
pass Rx/Tx filters are at ...

It doesnt put ~50V to ground .. it opens the contact to the antenna and
grounds the Rx ....

The Tx path is never opened ....

What burns up the relay is when the final amp runs away and generates RF
with no drive with the Rx engaged.

On 08/30/2015 07:40 PM, Clint kiheiman@q.com [atlas_radio] wrote:
> RF Parts lists a W172 relay under their Atlas parts section. Never
> could figure where the relay was used - I knew that the 210 series
> radios did not use the relay. Perhaps this relay is the same as the
> one that you replaced in your 350.
>
> 73
> Clint
> W7KEC
>
> Sent from my iPad
>
> On Aug 30, 2015, at 11:56 AM, Nu7z@... <mailto:Nu7z@...>
> [atlas_radio] <atlas_radio@yahoogroups.com
> <mailto:atlas_radio@yahoogroups.com>> wrote:
>
>> Hi to the group -- I just encountered an issue with my Atlas 350XL
>> and thought I would share it with you.
>>
>> I began to have intermittent receive on all bands, and
>> troubleshooting indicated that a relay was going bad. At first I
>> thought it was one of the relays in the area of the preselector but
>> upon closer examination I found it was between the antenna and the
>> receiver. It took me some time to find the relay for the antenna and
>> I found that it was not a conventional T/R set up. If you look on
>> your wiring drawing you'll find that its between the PA and the
>> filter board, on mounted on the low pass board. This is located
>> behind the cover on the back of the radio, behind the antenna connector.
>> Once I got the board out of the containment box and disassembled
>> things I found a small DIP relay on the board, mounted into a DIP
>> socket. When I removed the relay to check it I found that Pin 1 on
>> the relay was burned through and stuck in the socket. This relay is a
>> Magnacraft -- W173 DIP 3 which is no longer made. However, it was
>> pretty obvious that it was 12Vdc and about 1amp. And running QSK,

>> with it would put about 50 to 60 volts of RF to ground through the
>> contacts. Anyway, that's the theory, right or wrong -- it burned the
>> pin off of the relay. Knowing that this particular relay was no
>> longer made I found in my parts box a very nice, sealed, PC board
>> relay that was 12Vdc and had 5 amp contacts. I cleaned off the socket
>> from the board, and made space for the new one. I soldered it into
>> the circuit and now all is well.
>>
>> Good Luck -- Rick W7RNB
>>
>>
>

--
Mike KC7NOA

1315. Re: [atlas_radio] Atlas 350XL intermittent receiver

Yahoo group: atlas_radio
Date: 2015-08-31 02:54:11 UTC
From: Mike
Topic: 1312 Message: 1315

BTY .. there is an Atlas350Xl group thats almost active ....

On 08/30/2015 07:52 PM, Mike Patriot121@... [atlas_radio] wrote:
>
> in 2 places that i know of ... one in the low pass filter compartment
> ... and the other (X2) is in the first Rx RF amp area where the band
> pass Rx/Tx filters are at ...
>
> It doesnt put ~50V to ground .. it opens the contact to the antenna
> and grounds the Rx ....
>
> The Tx path is never opened ....
>
> What burns up the relay is when the final amp runs away and generates
> RF with no drive with the Rx engaged.
>
> On 08/30/2015 07:40 PM, Clint kiheiman@... [atlas_radio] wrote:
>> RF Parts lists a W172 relay under their Atlas parts section. Never
>> could figure where the relay was used - I knew that the 210 series
>> radios did not use the relay. Perhaps this relay is the same as the
>> one that you replaced in your 350.
>>
>> 73
>> Clint
>> W7KEC
>>
>> Sent from my iPad
>>
>> On Aug 30, 2015, at 11:56 AM, Nu7z@... <mailto:Nu7z@...>
>> [atlas_radio] <atlas_radio@yahoogroups.com
>> <mailto:atlas_radio@yahoogroups.com>> wrote:
>>
>>> Hi to the group -- I just encountered an issue with my Atlas 350XL
>>> and thought I would share it with you.
>>>
>>> I began to have intermittent receive on all bands, and
>>> troubleshooting indicated that a relay was going bad. At first I
>>> thought it was one of the relays in the area of the preselector but
>>> upon closer examination I found it was between the antenna and the
>>> receiver. It took me some time to find the relay for the antenna and
>>> I found that it was not a conventional T/R set up. If you look on
>>> your wiring drawing you'll find that its between the PA and the
>>> filter board, on mounted on the low pass board. This is located
>>> behind the cover on the back of the radio, behind the antenna
>>> connector.

>>> Once I got the board out of the containment box and disassembled
>>> things I found a small DIP relay on the board, mounted into a DIP
>>> socket. When I removed the relay to check it I found that Pin 1 on
>>> the relay was burned through and stuck in the socket. This relay is
>>> a Magnacraft -- W173 DIP 3 which is no longer made. However, it was
>>> pretty obvious that it was 12Vdc and about 1amp. And running QSK,
>>> with it would put about 50 to 60 volts of RF to ground through the
>>> contacts. Anyway, that's the theory, right or wrong -- it burned the
>>> pin off of the relay. Knowing that this particular relay was no
>>> longer made I found in my parts box a very nice, sealed, PC board
>>> relay that was 12Vdc and had 5 amp contacts. I cleaned off the
>>> socket from the board, and made space for the new one. I soldered it
>>> into the circuit and now all is well.
>>>
>>> Good Luck -- Rick W7RNB
>>>
>>>
>
> --
> Mike KC7NOA
>

--
Mike KC7NOA

1316. Re: [atlas_radio] Atlas 350XL intermittent receiver

Yahoo group: atlas_radio
Date: 2015-09-01 14:46:19 UTC
From: Nu7z@...
Topic: 1312 Message: 1316

hi Mike -- I have applied for membership over on the 350XL group -- but no response so far from the moderator. It's only been a couple of days but I'm really looking forward to looking around there for more information about my radio -- Thanks for the heads up -- Rick W7RNB

1317. Re: [atlas_radio] Atlas 350XL intermittent receiver

Yahoo group: atlas_radio
Date: 2015-09-01 15:05:42 UTC
From: Mike
Topic: 1312 Message: 1317

That would be me .... unless you tried the other one ...

I didint get a notice .... i could use the web interface and see ....

On 09/01/2015 07:46 AM, Nu7z@... [atlas_radio] wrote:
>
> hi Mike -- I have applied for membership over on the 350XL group --
> but no response so far from the moderator. It's only been a couple of
> days but I'm really looking forward to looking around there for more
> information about my radio -- Thanks for the heads up -- Rick W7RNB
>
>

--
Mike KC7NOA

1318. Atlas 210/215 Spare Parts

Yahoo group: atlas_radio
Date: 2015-09-24 13:13:24 UTC
From: kiheiman@...
Topic: 1318 Message: 1318

The RF Parts Company has some long stored boxes of Atlas parts in their warehouse and they are starting to inventory them and list them on their web site. The latest update is 210/215 knobs.

https://www.rfparts.com/catalogsearch/result/?q=atlas
https://www.rfparts.com/catalogsearch/result/?q=atlas

73
Clint
W7KEC

1319. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2015-10-29 16:39:48 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1319

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 210X Engineering Supplement 10-29.pdf
Uploaded by : kiheiman_98 <kiheiman@...>
Description : Major Release 3 Engineering document for repairing and improving the
operation of 210X transceivers by Kevin Murphy & Clint Chron.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas%20210X%20Engineering%20Supplement%2010-29.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

kiheiman_98 <kiheiman@...>

1320. New 210X/215X Engineering Supplement Document

Yahoo group: atlas_radio
Date: 2015-10-29 16:41:44 UTC
From: kiheiman@...
Topic: 1320 Message: 1320

I have uploaded the 210X/215X Major release 3 Engineering Supplement document. A substantial amount of new info has been added and current info has been updated with additional test results. Here is a high level summary of the changes that have been made:
Document size increased from 74 pages to 157 pages.
Added section for build and installation of an internal digital display
Added section for build and installation of an AD9951 digital VFO
Added section for build and installation for new RX band pass filter board
Added section for build of pulse noise generators for alignment of the PC-120 noise blanker
Added section for installation of a Bridge T diplexer on the PC-120 board
Added section for RX 3rd order IMD testing

Please send me comments on any info that might be confusing, duplicates, not correct, etc.

73
Clint
W7KEC

1321. Re: New 210X/215X Engineering Supplement Document

Yahoo group: atlas_radio
Date: 2015-10-30 14:10:34 UTC
From: n5tti@...
Topic: 1320 Message: 1321

This is excellent!
My 210 doesn't have the PC-1200 board, and you've redesigned one.
There are a couple of other mods that I've been contemplating, and you've clarified those as well.
THANK YOU!

1322. Re: [atlas_radio] driver transistor bias diode

Yahoo group: atlas_radio
Date: 2015-10-30 20:34:08 UTC
From: francisschalles@...
Topic: 1190 Message: 1322

I also would like the troubleshooting guide for the 210x PAs.

THX, AF5KV - Frank

1323. DSP in Atlas 210x.

Yahoo group: atlas_radio
Date: 2015-10-30 20:53:44 UTC
From: francisschalles@...
Topic: 1323 Message: 1323

Does anyone have experience with the Cumbria minifilter dsp circuit?

I have used a DSP-40 from Radioshack in a post AF application and it helps. However I would like to build a dsp into the 210. Any thoughts?

AF5KV - Frank

1324. Re: Atlas Engineering Tip Document

Yahoo group: atlas_radio
Date: 2015-10-30 20:32:06 UTC
From: francisschalles@...
Topic: 1111 Message: 1324

Clint,

I know this is a reply from an old post but I am interested in any information to fine tune the circuitry in the 21X or 350xl series radios. Particularly in the noise figure / conversion loss of the 1st mixer. Does anybody know the NF of the 210x?

Thanks AF5KV-Frank

1325. Re: New 210X/215X Engineering Supplement Document

Yahoo group: atlas_radio
Date: 2015-10-30 20:09:42 UTC
From: francisschalles@...
Topic: 1320 Message: 1325

Kudo's to the Engineering Supplement Document!

I would like to express my admiration for the person and/or persons that have taken the time and energy to upgrade one of the most unique and loved lines of American made Amateur radio transceivers! I have been a fan of Swan equipment ever since my Father (K5yqx - SK) bought his 350 and put it in the 1960 Buick!
I now have several Swans, but my pride and joy is my collection of Atlas 210x, 215x, and my 350xl transceivers!

I have started the upgrade process in one of my 210x's, and this information will save me hours of work.

Thanks again, and if I can help this effort please contact me.

Frank Schalles AF5KV - Texas

1326. Re: [atlas_radio] DSP in Atlas 210x.

Yahoo group: atlas_radio
Date: 2015-10-30 22:21:56 UTC
From: Clint
Topic: 1323 Message: 1326

I am using the BHI DSP filter in one in one of my 210X LE units. Kind of pricecy, but it is excellent for reducing noise. I now have a hard time in using other radios since I am used to the BHI filter on my LE.

There is a section in the Engineering Supplement doc that describes the BHI install.

73
Clint

Sent from my iPad

> On Oct 30, 2015, at 1:53 PM, francisschalles@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>
> Does anyone have experience with the Cumbria minifilter dsp circuit?
>
> I have used a DSP-40 from Radioshack in a post AF application and it helps. However I would like to build a dsp into the 210. Any thoughts?
>
> AF5KV - Frank
>
>
>
>

1327. Re: [atlas_radio] Re: Atlas Engineering Tip Document

Yahoo group: atlas_radio
Date: 2015-10-30 22:29:35 UTC
From: Clint
Topic: 1111 Message: 1327

Hi Frank,

If your Atlas can meet original factory specs (0.4 uv), then that is about as good as you can get. I have seen some cases where the RX sensitivity can be improved slightly by installing hot carrier diodes. The usual problem is units that only have about 1 uv sensitivity and the RX front end needs to be reworked. Keep in mind that if you install hot carrier diodes, then you are going to degrade the IMD of the radio. You can add a RF preamp that will improve RX sensitivity, but that will also degrade IMD.

You can also replace the mixer diodes with a MCL ADE-1 mixer and that will sometimes help.

73
Clint

Sent from my iPad

> On Oct 30, 2015, at 1:32 PM, francisschalles@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>
> Clint,
>
> I know this is a reply from an old post but I am interested in any information to fine tune the circuitry in the 21X or 350xl series radios. Particularly in the noise figure / conversion loss of the 1st mixer. Does anybody know the NF of the 210x?
>
> Thanks AF5KV-Frank
>
>

1328. Re: [atlas_radio] Re: Atlas Engineering Tip Document

Yahoo group: atlas_radio
Date: 2015-10-31 20:38:30 UTC
From: Frank Schalles
Topic: 1111 Message: 1328

Thanks. I did start to read the document that you put in files and it
answered all of my questions. Guess I should had RTFM before posting.
Thanks again!

AF5KV - Frank

On 10/30/15, Clint kiheiman@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:
> Hi Frank,
>
> If your Atlas can meet original factory specs (0.4 uv), then that is about
> as good as you can get. I have seen some cases where the RX sensitivity can
> be improved slightly by installing hot carrier diodes. The usual problem is
> units that only have about 1 uv sensitivity and the RX front end needs to be
> reworked. Keep in mind that if you install hot carrier diodes, then you are
> going to degrade the IMD of the radio. You can add a RF preamp that will
> improve RX sensitivity, but that will also degrade IMD.
>
> You can also replace the mixer diodes with a MCL ADE-1 mixer and that will
> sometimes help.
>
> 73
> Clint
>
>
> Sent from my iPad
>
>> On Oct 30, 2015, at 1:32 PM, francisschalles@... [atlas_radio]
>> <atlas_radio@yahoogroups.com> wrote:
>>
>> Clint,
>>
>> I know this is a reply from an old post but I am interested in any
>> information to fine tune the circuitry in the 21X or 350xl series radios.
>> Particularly in the noise figure / conversion loss of the 1st mixer. Does
>> anybody know the NF of the 210x?
>>
>> Thanks AF5KV-Frank
>>
>>
>

1329. Atlas 210x, pc-500 power amp

Yahoo group: atlas_radio
Date: 2015-11-01 19:38:08 UTC
From: eugeneculbert@...
Topic: 1329 Message: 1329

Hi, Great group you have here. I aquired a 210x a few weeks back after it smoked a bit. I looked at the pc-500 power amp and found that c518 ceramic capacitor .01mf at 100v and c516, 15uf at 100v were blown. I see the c516 was a tantalum but I can't seem to fine it, can I replace with a electrolytic . Looking for some advise before I dive in. I have a picture of the damage but not sure how to post it here.

Thanks 73's

eugene, ve9ncc

1330. Re: [atlas_radio] Atlas 210x, pc-500 power amp

Yahoo group: atlas_radio
Date: 2015-11-03 14:38:48 UTC
From: Clint
Topic: 1329 Message: 1330

On the Atlas parts list for the PC-500 board, it shows C516 to be electrolytic. I don’t think I have ever seen a tantalum capacitor with a 100 volt rating.

73
Clint

From: mailto:atlas_radio@yahoogroups.com
Sent: Sunday, November 01, 2015 12:38 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Atlas 210x, pc-500 power amp

Hi, Great group you have here. I aquired a 210x a few weeks back after it smoked a bit. I looked at the pc-500 power amp and found that c518 ceramic capacitor .01mf at 100v and c516, 15uf at 100v were blown. I see the c516 was a tantalum but I can't seem to fine it, can I replace with a electrolytic . Looking for some advise before I dive in. I have a picture of the damage but not sure how to post it here.

Thanks 73's

eugene, ve9ncc

1331. Re: [atlas_radio] Atlas 210x, pc-500 power amp

Yahoo group: atlas_radio
Date: 2015-11-05 14:31:13 UTC
From: jimc@...
Topic: 1329 Message: 1331

I think it's a 10V or 16V tantalum cap. Replacing it with an electrolytic is fine.

73,
Jim N9WW

1332. Re: [atlas_radio] Atlas 210x, pc-500 power amp

Yahoo group: atlas_radio
Date: 2015-11-04 12:50:40 UTC
From: jimc@...
Topic: 1329 Message: 1332

Has to be a typo. It's either a 15uf 10V or 15uf 16V tantalum cap. I actually replaced it last night while working on one of my 210X's. Either way, replacing it with an electrolytic cap is fine.

73,
Jim N9WW

1333. Re: New 210X/215X Engineering Supplement Document

Yahoo group: atlas_radio
Date: 2015-11-08 03:14:42 UTC
From: jimc@...
Topic: 1320 Message: 1333

Great write up! I have one question concering the replacement of ceramic disc caps. When the engineering supplement mentions the replacement of X5F ceramic disc caps with silver mica or high quality disc caps. I assume that a "high quality" disc cap would be a Class 1 ceramic (ie NPO)? As a side note, I find that polypropylene caps are another great alternative to silver mica and mylar caps.

73,
Jim N9WW

1334. RE: [atlas_radio] Re: New 210X/215X Engineering Supplement Document

Yahoo group: atlas_radio
Date: 2015-11-08 18:30:20 UTC
From: Clint
Topic: 1320 Message: 1334

Hi Jim, Great observations. The poly caps do work very well in RF circuits. I have seen some cases where the Q of the poly caps is not as good as high quality ceramic units. For the IF trap filters , I have seen 2 - 3 db better nulls with the ceramic caps. By the same token, one has to be very careful that the replacement caps are high quality. I purchased some 1500 pf ceramic caps on eBay. They ended up having a very poor response on trap filters. 73 Clint Sent from my Verizon Wireless 4G LTE smartphone
-------- Original message --------
From: "jimc@pwrone.com [atlas_radio]"
Date:11/07/2015 8:14 PM (GMT-07:00)
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: New 210X/215X Engineering Supplement Document

Great write up! I have one question concering the replacement of ceramic disc caps. When the engineering supplement mentions the replacement of X5F ceramic disc caps with silver mica or high quality disc caps. I assume that a "high quality" disc cap would be a Class 1 ceramic (ie NPO)? As a side note, I find that polypropylene caps are another great alternative to silver mica and mylar caps. 73, Jim N9WW

1335. 210X Input/Output Transformers

Yahoo group: atlas_radio
Date: 2015-11-11 02:57:49 UTC
From: jimc@...
Topic: 1335 Message: 1335

Anybody know what ferrite material/cores were used for the input/output transformers on the PC-500 board? Is it type 43, 61, 77?

73,
Jim N9WW

1336. Re: [atlas_radio] 210X Input/Output Transformers

Yahoo group: atlas_radio
Date: 2015-11-11 14:51:06 UTC
From: Clint
Topic: 1335 Message: 1336

I am not sure about the type of core material, but you can get the cores from RF Parts.

https://www.rfparts.com/catalogsearch/result/?q=ferrite+cores

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Tuesday, November 10, 2015 7:57 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] 210X Input/Output Transformers

Anybody know what ferrite material/cores were used for the input/output transformers on the PC-500 board? Is it type 43, 61, 77?

73,

Jim N9WW

1337. Atlas 210 PC-200 IF

Yahoo group: atlas_radio
Date: 2015-11-23 03:44:42 UTC
From: n5tti@...
Topic: 1337 Message: 1337

I have been reading through the Engineering supplement (Thanks W7KEC and ZL1UJG) and looking at the PC-200 modifications. I noticed that my pc-200-A card does not have an IF trap.
The board looks similar to the PC-200 listed here
http://atlas.wireless.org.uk/diagram1.htm http://atlas.wireless.org.uk/diagram1.htm
I think that one is a revision B, and the manual shows a Revision C.
I've followed pin 9 of the card to PC900, and I don't see an IF trap there either.
Since the IF was added in Rev. C, I'm wondering if I should add one to my PC-200?

Thanks in advance for your help!
Tom
N5TTI

1338. RE: [atlas_radio] Atlas 210 PC-200 IF

Yahoo group: atlas_radio
Date: 2015-11-23 05:46:03 UTC
From: MIKE DURKIN
Topic: 1337 Message: 1338

Probably .... if your Tx bandpass filters are not striping the 5mhz signal out enough to keep it from being transmitted ....

Im not sure which band it would be worse on ....

To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Sun, 22 Nov 2015 19:44:42 -0800
Subject: [atlas_radio] Atlas 210 PC-200 IF

I have been reading through the Engineering supplement (Thanks W7KEC and ZL1UJG) and looking at the PC-200 modifications. I noticed that my pc-200-A card does not have an IF trap.
The board looks similar to the PC-200 listed here
http://atlas.wireless.org.uk/diagram1.htm
I think that one is a revision B, and the manual shows a Revision C.
I've followed pin 9 of the card to PC900, and I don't see an IF trap there either.
Since the IF was added in Rev. C, I'm wondering if I should add one to my PC-200?

Thanks in advance for your help!
Tom
N5TTI

1339. Atlas AR-117 AC Base Console for the 210 & 215 HF Rigs

Yahoo group: atlas_radio
Date: 2015-11-25 22:53:31 UTC
From: Paul Mateer
Topic: 1339 Message: 1339

Found this on eBay today....
http://www.ebay.com/itm/Atlas-AR-117-AC-Base-Console-for-the-210-215-HF-Rigs-NEEDS-WORK-/311474173235

--
Paul Mateer, AA9GG
Elan Engineering Corp.
www.elanengr.com
NAQCC 3123, SKCC 4628, FPQRP 2003

1340. Si570 VFO for Atlas Radio - Are you interested

Yahoo group: atlas_radio
Date: 2015-12-16 12:24:38 UTC
From: kiheiman@...
Topic: 1340 Message: 1340

I am working with a well known vendor on their Si570 VFO kit. Some programming changes would be needed in the code for an Atlas radio implementation. If the code changes are made, would you be interested in purchasing a kit (I have no financial interest in this project). The Si570 package would be much easier to implement than my current AD9951 package that I describe in the 210X Engineering Supplement. Here are some details of the proposed package:

total cost of kit with very nice mechanical encoder is about $70.

package fits into a 1.5" x 4" Hammond die cast enclosure and can be mounted on top of the existing 210X VFO compartment.

Minimal changes to 210X needed for implementation - lpw pass filters would need to be added in output of Si570

unit is very stable (about 20 hz drift in first 15 minutes of power on)

no noticeable phase noise

minimal RX spurs

I can send you a picture of my current working test setup.

What do you think?

73
Clint
W7KEC

1341. Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested

Yahoo group: atlas_radio
Date: 2015-12-16 16:07:26 UTC
From: Frank Schalles
Topic: 1340 Message: 1341

Hi to the group!

Yes I am interested. Put me down for 3 definitely, and possibly 3 more.

Frank, AF5KV

On 12/16/15, kiheiman@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>
> I am working with a well known vendor on their Si570 VFO kit. Some
> programming changes would be needed in the code for an Atlas radio
> implementation. If the code changes are made, would you be interested in
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> no noticeable phase noise
>
> minimal RX spurs
>
> I can send you a picture of my current working test setup.
>
> What do you think?
>
> 73
> Clint
> W7KEC
>

1342. Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested

Yahoo group: atlas_radio
Date: 2015-12-16 17:13:57 UTC
From: Clint
Topic: 1340 Message: 1342

Will do. Thanks for the response.

73
Clint

From: mailto:atlas_radio@yahoogroups.com
Sent: Wednesday, December 16, 2015 9:07 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested

Hi to the group!

Yes I am interested. Put me down for 3 definitely, and possibly 3 more.

Frank, AF5KV

On 12/16/15, kiheiman@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
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>
> minimal RX spurs
>
> I can send you a picture of my current working test setup.
>
> What do you think?
>
> 73
> Clint

> W7KEC
>

1343. Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested

Yahoo group: atlas_radio
Date: 2015-12-16 19:22:18 UTC
From: Bill Dammeyer
Topic: 1340 Message: 1343

Hi Clint,
I'd buy one also but only if it includes the encoder. Building the necessary filters might be a problem for me, could you help?
Bill, KL7HQK

On Wed, 12/16/15, 'Clint' kiheiman@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

Subject: Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested
To: atlas_radio@yahoogroups.com
Date: Wednesday, December 16, 2015, 8:13 AM

Will do. Thanks for the response.

73
Clint

From: mailto:atlas_radio@yahoogroups.com

Sent: Wednesday, December 16, 2015 9:07 AM
To: atlas_radio@yahoogroups.com

Subject: Re: [atlas_radio] Si570 VFO for Atlas
Radio - Are you
interested

Hi to the group!

Yes I
am interested. Put me down for 3 definitely,
and possibly 3 more.

Frank,
AF5KV

On 12/16/15,
kiheiman@...
[atlas_radio] <atlas_radio@yahoogroups.com> wrote:
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working with a well known vendor on their Si570 VFO kit.
Some
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> I can send
you a picture
of my current working test setup.
>
> What do you
think?
>
> 73
> Clint
> W7KEC
>

1344. Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested

Yahoo group: atlas_radio
Date: 2015-12-16 19:33:12 UTC
From: Clint
Topic: 1340 Message: 1344

Hi Bill,

The kit would come with a mechanical encoder. I have one on my test kit. It is one of the best mechanical encoders that I have ever used – feels just like an optical unit. I can help with low pass filters when the time comes.

73
Clint

From: mailto:atlas_radio@yahoogroups.com
Sent: Wednesday, December 16, 2015 12:22 PM
To: atlas_radio@...m
Subject: Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested

Hi Clint,
I'd buy one also but only if it includes the encoder. Building the necessary filters might be a problem for me, could you help?
Bill, KL7HQK

On Wed, 12/16/15, 'Clint' kiheiman@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

Subject: Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested
To: atlas_radio@yahoogroups.com
Date: Wednesday, December 16, 2015, 8:13 AM

Will do. Thanks for the response.

73
Clint

From: mailto:atlas_radio@yahoogroups.com

Sent: Wednesday, December 16, 2015 9:07 AM
To: atlas_radio@yahoogroups.com

Subject: Re: [atlas_radio] Si570 VFO for Atlas
Radio - Are you
interested

Hi to the group!

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am interested. Put me down for 3 definitely,
and possibly 3 more.

Frank,
AF5KV

On 12/16/15,
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Some
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programming changes would be needed in the code for an Atlas
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of my current working test setup.
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think?
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> 73
> Clint
> W7KEC
>

1345. Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested

Yahoo group: atlas_radio
Date: 2015-12-16 22:06:07 UTC
From: JACK BREWER
Topic: 1340 Message: 1345

Will it work with the Atlas 400X and what other models will it work with ?JackWA3VZK

On Wednesday, December 16, 2015 2:35 PM, "'Clint' kiheiman@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

Hi Bill, The kit would come with a mechanical encoder. I have one on my test kit. It is one of the best mechanical encoders that I have ever used – feels just like an optical unit. I can help with low pass filters when the time comes. 73Clint From: mailto:atlas_radio@yahoogroups.com Sent: Wednesday, December 16, 2015 12:22 PMTo: atlas_radio@yahoogroups.com Subject: Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested Hi Clint,
I'd buy one also but only if it includes the encoder. Building the necessary filters might be a problem for me, could you help?
Bill, KL7HQK

On Wed, 12/16/15, 'Clint' kiheiman@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

Subject: Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested
To: atlas_radio@yahoogroups.com
Date: Wednesday, December 16, 2015, 8:13 AM

Will do. Thanks for the response.

73
Clint

From: mailto:atlas_radio@yahoogroups.com

Sent: Wednesday, December 16, 2015 9:07 AM
To: atlas_radio@yahoogroups.com

Subject: Re: [atlas_radio] Si570 VFO for Atlas
Radio - Are you
interested

Hi to the group!

Yes I
am interested. Put me down for 3 definitely,
and possibly 3 more.

Frank,
AF5KV

On 12/16/15,
kiheiman@q.com
[atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>

> I am
working with a well known vendor on their Si570 VFO kit.
Some
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programming changes would be needed in the code for an Atlas
radio
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spurs
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> I can send
you a picture
of my current working test setup.

>
> What do you
think?
>
> 73
> Clint
> W7KEC
>

1346. Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested

Yahoo group: atlas_radio
Date: 2015-12-16 22:18:52 UTC
From: Clint
Topic: 1340 Message: 1346

The basic planned design should work with just about any radio. However, the specific IF offsets for each band will have to be programmed by the vendor – they will not be user programmable. The beauty of the planned design is that there will be no push button switches that you will have to push to move through the bands. In the case of the 210X/215X, the freed up VFO band switch contacts will be used to switch frequency bands on the Si570 and also switch in the low pass filters. If you have a rig that has a single VFO frequency range, then the implementation is even easier.

Keeping in mind that the programmer of the ATMega microprocessor has not agreed to do the programming – we are testing the waters to see if there would be enough interest to invest the time for making the changes.

73
Clint

From: mailto:atlas_radio@yahoogroups.com
Sent: Wednesday, December 16, 2015 3:06 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested

Will it work with the Atlas 400X and what other models will it work with ?
Jack
WA3VZK

On Wednesday, December 16, 2015 2:35 PM, "'Clint' kiheiman@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

Hi Bill,

The kit would come with a mechanical encoder. I have one on my test kit. It is one of the best mechanical encoders that I have ever used – feels just like an optical unit. I can help with low pass filters when the time comes.

73
Clint

From: mailto:atlas_radio@yahoogroups.com
Sent: Wednesday, December 16, 2015 12:22 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested

Hi Clint,
I'd buy one also but only if it includes the encoder. Building the necessary filters might be a problem for me, could you help?
Bill, KL7HQK

On Wed, 12/16/15, 'Clint' kiheiman@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

Subject: Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested
To: atlas_radio@yahoogroups.com
Date: Wednesday, December 16, 2015, 8:13 AM

Will do. Thanks for the response.

73
Clint

From: mailto:atlas_radio@yahoogroups.com

Sent: Wednesday, December 16, 2015 9:07 AM
To: atlas_radio@yahoogroups.com

Subject: Re: [atlas_radio] Si570 VFO for Atlas
Radio - Are you
interested

Hi to the group!

Yes I
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and possibly 3 more.

Frank,
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On 12/16/15,
kiheiman@...
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you a picture
of my current working test setup.
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> What do you
think?
>
> 73
> Clint
> W7KEC
>

1347. Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested

Yahoo group: atlas_radio
Date: 2015-12-17 06:56:13 UTC
From: Bernd HIllerich
Topic: 1340 Message: 1347

Hi Clint,

I would like to buy one.

BR

Bernd, DK9EV

Freundliche Grüße

Dr. Bernd Hillerich

h-electronic
Ingenieurbüro für Sensorsysteme und Elektronik
Inhaber: Bernd Hillerich
Zeitblomstrassse 31/1, D-89073 Ulm
Tel.:+49 (0)731 1517886, +49(0)171 7582134
FAX: +49 (0)731 1517885
Email: h-sensor@...
www.h-sensor.com

Am 16.12.15 um 13:24 schrieb kiheiman@... [atlas_radio]:
>
>
> I am working with a well known vendor on their Si570 VFO kit. Some
> programming changes would be needed in the code for an Atlas radio
> implementation. If the code changes are made, would you be interested
> in purchasing a kit (I have no financial interest in this project).
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> What do you think?
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> 73
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> Clint
>
> W7KEC
>
>
>
>

1348. Re: [atlas_radio] Si570 VFO for Atlas Radio - Are you interested

Yahoo group: atlas_radio
Date: 2015-12-16 19:02:39 UTC
From: 4z4rb1@...
Topic: 1340 Message: 1348

count me in for one 4z4rb
Baruch

1349. Re: 210X Input/Output Transformers

Yahoo group: atlas_radio
Date: 2015-12-19 05:45:03 UTC
From: skipp025@...
Topic: 1335 Message: 1349

> Anybody know what ferrite material/cores were used for the input/output
> transformers on the PC-500 board? Is it type 43, 61, 77?
> 73, Jim N9WW

An educated guess might be reasonable... however, there is a guy in another group who worked for the company that supplied the materials to the Atlas Radio Company. It's a deja vu moment that I saw your post here and actually know this guy's background. If you really need the information, you can Email me direct and I'll shoot him an Email. He normally replies to Emails about once every week or two, might be longer over the xmas holiday. But if it's really important to you, I would ask if wrote me that you really needed to have that information.

cheers,

skipp

1350. power cord

Yahoo group: atlas_radio
Date: 2015-12-20 15:52:00 UTC
From: famabc@...
Topic: 1350 Message: 1350

Looking for a power cord 210x

W9COD

1351. Re: power cord

Yahoo group: atlas_radio
Date: 2015-12-21 17:34:31 UTC
From: n5kzw@...
Topic: 1350 Message: 1351

They are easy enough to make with some banana plugs & jacks and a piece of FR4 or even tempered hardboard and lots of RTV to cover the solder joints.

Regards,
Ed

1352. Best Wishes

Yahoo group: atlas_radio
Date: 2015-12-25 09:30:32 UTC
From: Bill Cromwell
Topic: 1335 Message: 1352

Merry Christmas to all from Bill and Carolyn.

73,

Bill KU8H

1353. Merry Christmas!

Yahoo group: atlas_radio
Date: 2015-12-25 15:11:52 UTC
From: jim.strohm@...
Topic: 1353 Message: 1353

And a happy New Year

Jim N6OTQ

1354. New member from Brazil

Yahoo group: atlas_radio
Date: 2015-12-27 00:17:25 UTC
From: ps7pc@...
Topic: 1354 Message: 1354

Starting today , I am pleased to be part of Atlas Radio group. I´ am an admirer of such equipment and have a Atlas 201X. I use regularly this big transceiver in my QSO`s , especially at 40 and 20 meters. I am a ham radio since 1974, live in the city of Natal, in northeastern Brazil , like DX and homemade assemblies , in particular antennas and transceivers QRP SSB and CW . I hope to contribute with colleagues from the group and, above all , to learn from you .
Hugs,

Carlos , PS7PC

1355. New member from Brazil

Yahoo group: atlas_radio
Date: 2015-12-26 21:35:22 UTC
From: Carlos Pandolphi
Topic: 1354 Message: 1355

Starting today , I am pleased to be part of Atlas Radio group. I am an admirer of such equipment and have a Atlas 201X. I use regularly this big transceiver in my QSO`s , especially at 40 and 20 meters. I am a ham radio since 1974, live in the city of Natal, in northeastern Brazil , like DX and homemade assemblies , in particular antennas and transceivers QRP SSB and CW . I hope to contribute with colleagues from the group and, above all , to learn from you .
Hugs,

Carlos , PS7PC

1356. Wanted: Schematic for 350-PS

Yahoo group: atlas_radio
Date: 2016-01-16 18:16:07 UTC
From: raf_3@...
Topic: 1356 Message: 1356

Can anyone help me out with the schematic for the 350-PS (power supply for the 350XL)? Have not found the schematic on the web.

Email: raf_3@msn.com

Thanks in advance....
Allen

1357. RE: [atlas_radio] Wanted: Schematic for 350-PS

Yahoo group: atlas_radio
Date: 2016-01-16 18:32:11 UTC
From: Gary H. Harmon, Jr.
Topic: 1356 Message: 1357

http://atlas.wireless.org.uk/Atlas350XL.pdf

Page 51 of the 350XL manual.

Gary H. Harmon, Jr. - K5JWK - HAM Radio and ATARI Archaeologist

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c/t

gharmon@...

"Too many projects - Not enough time!"

"Retirement = Every day is a Saturday except Sunday"

http://www.grissomroadcoc.org

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Saturday, January 16, 2016 12:16 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Wanted: Schematic for 350-PS

Can anyone help me out with the schematic for the 350-PS (power supply for the 350XL)? Have not found the schematic on the web.

Email: raf_3@...

Thanks in advance....

Allen

1358. Re: [atlas_radio] Wanted: Schematic for 350-PS

Yahoo group: atlas_radio
Date: 2016-01-16 19:46:03 UTC
From: A R
Topic: 1356 Message: 1358

Thanks, Gary!

The 350PS that I have has a 20A fuse along with a stud-mounted Zener? (or SCR?) on the underside of the chassis. The stud-mounted device is positioned such that I can't see any device marking. Without disassembling the extra components, I'm guessing that they probably are an added-mod over-voltage "crowbar" circuit...likely a zener that just clamps with over-voltage (dumping high current to ground), and using the 20A fuse as the non-resettable disconnect of the 14v output.

Thanks again!

Allen--W7GIF

----- Original Message -----

From: 'Gary H. Harmon, Jr.' gharmon@... [atlas_radio]<mailto:gharmon@...%20[atlas_radio]>

To: atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>

Sent: Saturday, January 16, 2016 11:32 AM

Subject: RE: [atlas_radio] Wanted: Schematic for 350-PS

http://atlas.wireless.org.uk/Atlas350XL.pdf<http://atlas.wireless.org.uk/Atlas350XL.pdf>

Page 51 of the 350XL manual.

Gary H. Harmon, Jr. - K5JWK - HAM Radio and ATARI Archaeologist

6003 Archwood

San Antonio, TX 78239-1504

210.657.1549h / 210.884.6926c/t

gharmon@...<mailto:gharmon@...>

"Too many projects - Not enough time!"

"Retirement = Every day is a Saturday except Sunday"

http://www.grissomroadcoc.org

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Saturday, January 16, 2016 12:16 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Wanted: Schematic for 350-PS

Can anyone help me out with the schematic for the 350-PS (power supply for the 350XL)? Have not found the schematic on the web.

Email: raf_3@...<mailto:raf_3@...>

Thanks in advance....

Allen

#ygrp-mkp { BORDER-TOP: #d8d8d8 1px solid; FONT-FAMILY: Arial; BORDER-RIGHT: #d8d8d8 1px solid; BORDER-BOTTOM: #d8d8d8 1px solid; PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 10px; MARGIN: 10px 0px; BORDER-LEFT: #d8d8d8 1px solid; PADDING-RIGHT: 10px } #ygrp-mkp HR { BORDER-TOP: #d8d8d8 1px solid; BORDER-RIGHT: #d8d8d8 1px solid; BORDER-BOTTOM: #d8d8d8 1px solid; BORDER-LEFT: #d8d8d8 1px solid } #ygrp-mkp #hd { FONT-SIZE: 85%; FONT-WEIGHT: 700; COLOR: #628c2a; MARGIN: 10px 0px; LINE-HEIGHT: 122% } #ygrp-mkp #ads { MARGIN-BOTTOM: 10px } #ygrp-mkp .ad { PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #ygrp-mkp .ad P { MARGIN: 0px } #ygrp-mkp .ad A { TEXT-DECORATION: none; COLOR: #0000ff } #ygrp-sponsor #ygrp-lc { FONT-FAMILY: Arial } #ygrp-sponsor #ygrp-lc #hd { FONT-SIZE: 78%; FONT-WEIGHT: 700; MARGIN: 10px 0px; LINE-HEIGHT: 122% } #ygrp-sponsor #ygrp-lc .ad { MARGIN-BOTTOM: 10px; PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #actions { FONT-SIZE: 11px; FONT-FAMILY: Verdana; PADDING-BOTTOM: 10px; PADDING-TOP: 10px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #activity { FONT-SIZE: 10px; FONT-FAMILY: Verdana; FLOAT: left; PADDING-BOTTOM: 10px; PADDING-TOP: 10px; PADDING-LEFT: 10px; PADDING-RIGHT: 10px; BACKGROUND-COLOR: #e0ecee } #activity SPAN { FONT-WEIGHT: 700 } #activity SPAN:first-child { TEXT-TRANSFORM: uppercase } #activity SPAN A { TEXT-DECORATION: none; COLOR: #5085b6 } #activity SPAN SPAN { COLOR: #ff7900 } #activity SPAN .underline { TEXT-DECORATION: underline } .attach { FONT-SIZE: 12px; FONT-FAMILY: Arial; WIDTH: 400px; PADDING-BOTTOM: 10px; PADDING-TOP: 10px; PADDING-LEFT: 0px; CLEAR: both; DISPLAY: table; PADDING-RIGHT: 0px } .attach DIV A { TEXT-DECORATION: none } .attach IMG { BORDER-TOP: medium none; BORDER-RIGHT: medium none; BORDER-BOTTOM: medium none; BORDER-LEFT: medium none; PADDING-RIGHT: 5px } .attach LABEL { MARGIN-BOTTOM: 5px; DISPLAY: block } .attach LABEL A { TEXT-DECORATION: none } BLOCKQUOTE { MARGIN: 0px 0px 0px 4px } .bold { FONT-SIZE: 13px; FONT-FAMILY: Arial; FONT-WEIGHT: 700 } .bold A { TEXT-DECORATION: none } DD.last P A { FONT-FAMILY: Verdana; FONT-WEIGHT: 700 } DD.last P SPAN { FONT-FAMILY: Verdana; FONT-WEIGHT: 700; MARGIN-RIGHT: 10px } DD.last P SPAN.yshortcuts { MARGIN-RIGHT: 0px } DIV.attach-table DIV DIV A { TEXT-DECORATION: none } DIV.attach-table { WIDTH: 400px } DIV.file-title A { TEXT-DECORATION: none } DIV.file-title A:active { TEXT-DECORATION: none } DIV.file-title A:hover { TEXT-DECORATION: none } DIV.file-title A:visited { TEXT-DECORATION: none } DIV.photo-title A { TEXT-DECORATION: none } DIV.photo-title A:active { TEXT-DECORATION: none } DIV.photo-title A:hover { TEXT-DECORATION: none } DIV.photo-title A:visited { TEXT-DECORATION: none } DIV#ygrp-mlmsg #ygrp-msg P A SPAN.yshortcuts { FONT-SIZE: 10px; FONT-FAMILY: Verdana; FONT-WEIGHT: normal } .green { COLOR: #628c2a } .MsoNormal { MARGIN: 0px } o { FONT-SIZE: 0px } #photos DIV { WIDTH: 72px; FLOAT: left } #photos DIV DIV { OVERFLOW: hidden; BORDER-TOP: #666666 1px solid; HEIGHT: 62px; BORDER-RIGHT: #666666 1px solid; WIDTH: 62px; BORDER-BOTTOM: #666666 1px solid; BORDER-LEFT: #666666 1px solid } #photos DIV LABEL { OVERFLOW: hidden; FONT-SIZE: 10px; WIDTH: 64px; WHITE-SPACE: nowrap; COLOR: #666666; TEXT-ALIGN: center } #reco-category { FONT-SIZE: 77% } #reco-desc { FONT-SIZE: 77% } .replbq { MARGIN: 4px } #ygrp-actbar DIV A:first-child { PADDING-RIGHT: 5px; MARGIN-RIGHT: 2px } #ygrp-mlmsg { FONT: x-small Arial, helvetica,clean, sans-serif } #ygrp-mlmsg TABLE { FONT-SIZE: 100%; FONT-VARIANT: normal; FONT-WEIGHT: normal; FONT-STYLE: normal; LINE-HEIGHT: normal } #ygrp-mlmsg SELECT { FONT: 99% Arial, Helvetica, clean, sans-serif } INPUT { FONT: 99% Arial, Helvetica, clean, sans-serif } TEXTAREA { FONT: 99% Arial, Helvetica, clean, sans-serif } #ygrp-mlmsg PRE { FONT: 100% monospace } CODE { FONT: 100% monospace } #ygrp-mlmsg * { LINE-HEIGHT: 1.22em }

#ygrp-mlmsg #logo { PADDING-BOTTOM: 10px } #ygrp-msg P A { FONT-FAMILY: Verdana } #ygrp-msg P#attach-count SPAN { FONT-WEIGHT: 700; COLOR: #1e66ae } #ygrp-reco #reco-head { FONT-WEIGHT: 700; COLOR: #ff7900 } #ygrp-reco { MARGIN-BOTTOM: 20px; PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #ygrp-sponsor #ov LI A { FONT-SIZE: 130%; TEXT-DECORATION: none } #ygrp-sponsor #ov LI { LIST-STYLE-TYPE: square; FONT-SIZE: 77%; PADDING-BOTTOM: 6px; PADDING-TOP: 6px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #ygrp-sponsor #ov UL { PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 8px; MARGIN: 0px; PADDING-RIGHT: 0px } #ygrp-text { FONT-FAMILY: Georgia } #ygrp-text P { MARGIN: 0px 0px 1em } #ygrp-text TT { FONT-SIZE: 120% } #ygrp-vital UL LI:unknown { BORDER-RIGHT: medium none }

1359. RE: [atlas_radio] Wanted: Schematic for 350-PS

Yahoo group: atlas_radio
Date: 2016-01-16 23:28:36 UTC
From: MIKE DURKIN
Topic: 1356 Message: 1359

The PS is almost too simple ....

I think it is in the file section of the 350XL group .....

To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Sat, 16 Jan 2016 10:16:07 -0800
Subject: [atlas_radio] Wanted: Schematic for 350-PS

Can anyone help me out with the schematic for the 350-PS (power supply for the 350XL)? Have not found the schematic on the web.

Email: raf_3@msn.com

Thanks in advance....
Allen

1360. Re: [atlas_radio] Wanted: Schematic for 350-PS

Yahoo group: atlas_radio
Date: 2016-01-17 00:11:34 UTC
From: A R
Topic: 1356 Message: 1360

Yeah, you're right. It's a pretty straight forward brute linear supply. I wanted the ATLAS schematic to confirm whether or not what appears to be an OVP collection of parts in my supply was OEM or an added (and valuable) mod. Thanks to Gary-K5JWK's help, I confirmed that this supply has the latter (added OVP circuitry).

----- Original Message -----

From: MIKE DURKIN Patriot121@... [atlas_radio]<mailto:Patriot121@...%20[atlas_radio]>

To: atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>

Sent: Saturday, January 16, 2016 4:28 PM

Subject: RE: [atlas_radio] Wanted: Schematic for 350-PS

The PS is almost too simple ....

I think it is in the file section of the 350XL group .....

To: atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>
From: atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>
Date: Sat, 16 Jan 2016 10:16:07 -0800
Subject: [atlas_radio] Wanted: Schematic for 350-PS

Can anyone help me out with the schematic for the 350-PS (power supply for the 350XL)? Have not found the schematic on the web.

Email: raf_3@...

Thanks in advance....
Allen

#ygrp-mkp { BORDER-TOP: #d8d8d8 1px solid; FONT-FAMILY: Arial; BORDER-RIGHT: #d8d8d8 1px solid; BORDER-BOTTOM: #d8d8d8 1px solid; PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 10px; MARGIN: 10px 0px; BORDER-LEFT: #d8d8d8 1px solid; PADDING-RIGHT: 10px } #ygrp-mkp HR { BORDER-TOP: #d8d8d8 1px solid; BORDER-RIGHT: #d8d8d8 1px solid; BORDER-BOTTOM: #d8d8d8 1px solid; BORDER-LEFT: #d8d8d8 1px solid } #ygrp-mkp #hd { FONT-SIZE: 85%; FONT-WEIGHT: 700; COLOR: #628c2a; MARGIN: 10px 0px; LINE-HEIGHT: 122% } #ygrp-mkp #ads { MARGIN-BOTTOM: 10px } #ygrp-mkp .ad { PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #ygrp-mkp .ad P { MARGIN: 0px } #ygrp-mkp .ad A { TEXT-DECORATION: none; COLOR: #0000ff } #ygrp-sponsor #ygrp-lc { FONT-FAMILY: Arial } #ygrp-sponsor #ygrp-lc #hd { FONT-SIZE: 78%; FONT-WEIGHT: 700; MARGIN: 10px 0px; LINE-HEIGHT: 122% } #ygrp-sponsor #ygrp-lc .ad { MARGIN-BOTTOM: 10px; PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #actions { FONT-SIZE: 11px; FONT-FAMILY: Verdana; PADDING-BOTTOM: 10px; PADDING-TOP: 10px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #activity { FONT-SIZE: 10px; FONT-FAMILY: Verdana; FLOAT: left; PADDING-BOTTOM: 10px; PADDING-TOP: 10px; PADDING-LEFT: 10px; PADDING-RIGHT: 10px; BACKGROUND-COLOR: #e0ecee } #activity SPAN { FONT-WEIGHT: 700 } #activity SPAN:first-child

{ TEXT-TRANSFORM: uppercase } #activity SPAN A { TEXT-DECORATION: none; COLOR: #5085b6 } #activity SPAN SPAN { COLOR: #ff7900 } #activity SPAN .underline { TEXT-DECORATION: underline } .attach { FONT-SIZE: 12px; FONT-FAMILY: Arial; WIDTH: 400px; PADDING-BOTTOM: 10px; PADDING-TOP: 10px; PADDING-LEFT: 0px; CLEAR: both; DISPLAY: table; PADDING-RIGHT: 0px } .attach DIV A { TEXT-DECORATION: none } .attach IMG { BORDER-TOP: medium none; BORDER-RIGHT: medium none; BORDER-BOTTOM: medium none; BORDER-LEFT: medium none; PADDING-RIGHT: 5px } .attach LABEL { MARGIN-BOTTOM: 5px; DISPLAY: block } .attach LABEL A { TEXT-DECORATION: none } BLOCKQUOTE { MARGIN: 0px 0px 0px 4px } .bold { FONT-SIZE: 13px; FONT-FAMILY: Arial; FONT-WEIGHT: 700 } .bold A { TEXT-DECORATION: none } DD.last P A { FONT-FAMILY: Verdana; FONT-WEIGHT: 700 } DD.last P SPAN { FONT-FAMILY: Verdana; FONT-WEIGHT: 700; MARGIN-RIGHT: 10px } DD.last P SPAN.yshortcuts { MARGIN-RIGHT: 0px } DIV.attach-table DIV DIV A { TEXT-DECORATION: none } DIV.attach-table { WIDTH: 400px } DIV.file-title A { TEXT-DECORATION: none } DIV.file-title A:active { TEXT-DECORATION: none } DIV.file-title A:hover { TEXT-DECORATION: none } DIV.file-title A:visited { TEXT-DECORATION: none } DIV.photo-title A { TEXT-DECORATION: none } DIV.photo-title A:active { TEXT-DECORATION: none } DIV.photo-title A:hover { TEXT-DECORATION: none } DIV.photo-title A:visited { TEXT-DECORATION: none } DIV#ygrp-mlmsg #ygrp-msg P A SPAN.yshortcuts { FONT-SIZE: 10px; FONT-FAMILY: Verdana; FONT-WEIGHT: normal } .green { COLOR: #628c2a } .MsoNormal { MARGIN: 0px } o { FONT-SIZE: 0px } #photos DIV { WIDTH: 72px; FLOAT: left } #photos DIV DIV { OVERFLOW: hidden; BORDER-TOP: #666666 1px solid; HEIGHT: 62px; BORDER-RIGHT: #666666 1px solid; WIDTH: 62px; BORDER-BOTTOM: #666666 1px solid; BORDER-LEFT: #666666 1px solid } #photos DIV LABEL { OVERFLOW: hidden; FONT-SIZE: 10px; WIDTH: 64px; WHITE-SPACE: nowrap; COLOR: #666666; TEXT-ALIGN: center } #reco-category { FONT-SIZE: 77% } #reco-desc { FONT-SIZE: 77% } .replbq { MARGIN: 4px } #ygrp-actbar DIV A:first-child { PADDING-RIGHT: 5px; MARGIN-RIGHT: 2px } #ygrp-mlmsg { FONT: x-small Arial, helvetica,clean, sans-serif } #ygrp-mlmsg TABLE { FONT-SIZE: 100%; FONT-VARIANT: normal; FONT-WEIGHT: normal; FONT-STYLE: normal; LINE-HEIGHT: normal } #ygrp-mlmsg SELECT { FONT: 99% Arial, Helvetica, clean, sans-serif } INPUT { FONT: 99% Arial, Helvetica, clean, sans-serif } TEXTAREA { FONT: 99% Arial, Helvetica, clean, sans-serif } #ygrp-mlmsg PRE { FONT: 100% monospace } CODE { FONT: 100% monospace } #ygrp-mlmsg * { LINE-HEIGHT: 1.22em } #ygrp-mlmsg #logo { PADDING-BOTTOM: 10px } #ygrp-msg P A { FONT-FAMILY: Verdana } #ygrp-msg P#attach-count SPAN { FONT-WEIGHT: 700; COLOR: #1e66ae } #ygrp-reco #reco-head { FONT-WEIGHT: 700; COLOR: #ff7900 } #ygrp-reco { MARGIN-BOTTOM: 20px; PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #ygrp-sponsor #ov LI A { FONT-SIZE: 130%; TEXT-DECORATION: none } #ygrp-sponsor #ov LI { LIST-STYLE-TYPE: square; FONT-SIZE: 77%; PADDING-BOTTOM: 6px; PADDING-TOP: 6px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #ygrp-sponsor #ov UL { PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 8px; MARGIN: 0px; PADDING-RIGHT: 0px } #ygrp-text { FONT-FAMILY: Georgia } #ygrp-text P { MARGIN: 0px 0px 1em } #ygrp-text TT { FONT-SIZE: 120% } #ygrp-vital UL LI:unknown { BORDER-RIGHT: medium none }

1361. Re: [atlas_radio] Wanted: Schematic for 350-PS

Yahoo group: atlas_radio
Date: 2016-01-17 01:32:24 UTC
From: jtelrbrewer@...
Topic: 1356 Message: 1361

Allen, I have the schematic fot the 350XL and the power supply. If you still need a copy let me know at 410-378-4269 or jtrlrbrewer@verizon.net I will make a copy for you free, glad to help. Jack
WA3VZK
collector of Swan, Cubic, Atlas and a few others

1362. Re: [atlas_radio] Wanted: Schematic for 350-PS

Yahoo group: atlas_radio
Date: 2016-01-17 15:01:54 UTC
From: JF PICARD
Topic: 1356 Message: 1362

Hello,
Has anybody the schematics of the power supply with the OVP circuit : I had a catastrophic failure of one of the serial regulator transistors and a destruction of the PA and I intended to install an overvoltage protection...

Thank you and 73.

J.F. PICARD
F6ERK

1363. Re: [atlas_radio] Wanted: Schematic for 350-PS

Yahoo group: atlas_radio
Date: 2016-01-17 16:54:36 UTC
From: A R
Topic: 1356 Message: 1363

My 350-PS has an after-market OVP installed, but I'm afraid that I'm reluctant to disassemble the power supply to reverse engineer the OVP (not a trivial task).

I do have a suggestion, though. TenTec manufactured outboard OVP's for their early 14v 20A power supplies. The TenTec p/n is 1150. There is currently one for sale on ebay (item# 361466480164). This OVP could be used outboard of the 350PS, or unpackaged, and installed inside the 350PS. I also have the schematic for the TenTec 1150, and would be happy to send that to you (in jpg format) if you wish.

73,

Allen--W7GIF

----- Original Message -----

From: JF PICARD jfphp@... [atlas_radio]<mailto:jfphp@...%20[atlas_radio]>

To: atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>

Sent: Sunday, January 17, 2016 8:01 AM

Subject: Re: [atlas_radio] Wanted: Schematic for 350-PS

Hello,
Has anybody the schematics of the power supply with the OVP circuit : I had a catastrophic failure of one of the serial regulator transistors and a destruction of the PA and I intended to install an overvoltage protection...

Thank you and 73.

J.F. PICARD
F6ERK

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BACKGROUND-COLOR: #e0ecee } #activity SPAN { FONT-WEIGHT: 700 } #activity SPAN:first-child { TEXT-TRANSFORM: uppercase } #activity SPAN A { TEXT-DECORATION: none; COLOR: #5085b6 } #activity SPAN SPAN { COLOR: #ff7900 } #activity SPAN .underline { TEXT-DECORATION: underline } .attach { FONT-SIZE: 12px; FONT-FAMILY: Arial; WIDTH: 400px; PADDING-BOTTOM: 10px; PADDING-TOP: 10px; PADDING-LEFT: 0px; CLEAR: both; DISPLAY: table; PADDING-RIGHT: 0px } .attach DIV A { TEXT-DECORATION: none } .attach IMG { BORDER-TOP: medium none; BORDER-RIGHT: medium none; BORDER-BOTTOM: medium none; BORDER-LEFT: medium none; PADDING-RIGHT: 5px } .attach LABEL { MARGIN-BOTTOM: 5px; DISPLAY: block } .attach LABEL A { TEXT-DECORATION: none } BLOCKQUOTE { MARGIN: 0px 0px 0px 4px } .bold { FONT-SIZE: 13px; FONT-FAMILY: Arial; FONT-WEIGHT: 700 } .bold A { TEXT-DECORATION: none } DD.last P A { FONT-FAMILY: Verdana; FONT-WEIGHT: 700 } DD.last P SPAN { FONT-FAMILY: Verdana; FONT-WEIGHT: 700; MARGIN-RIGHT: 10px } DD.last P SPAN.yshortcuts { MARGIN-RIGHT: 0px } DIV.attach-table DIV DIV A { TEXT-DECORATION: none } DIV.attach-table { WIDTH: 400px } DIV.file-title A { TEXT-DECORATION: none } DIV.file-title A:active { TEXT-DECORATION: none } DIV.file-title A:hover { TEXT-DECORATION: none } DIV.file-title A:visited { TEXT-DECORATION: none } DIV.photo-title A { TEXT-DECORATION: none } DIV.photo-title A:active { TEXT-DECORATION: none } DIV.photo-title A:hover { TEXT-DECORATION: none } DIV.photo-title A:visited { TEXT-DECORATION: none } DIV#ygrp-mlmsg #ygrp-msg P A SPAN.yshortcuts { FONT-SIZE: 10px; FONT-FAMILY: Verdana; FONT-WEIGHT: normal } .green { COLOR: #628c2a } .MsoNormal { MARGIN: 0px } o { FONT-SIZE: 0px } #photos DIV { WIDTH: 72px; FLOAT: left } #photos DIV DIV { OVERFLOW: hidden; BORDER-TOP: #666666 1px solid; HEIGHT: 62px; BORDER-RIGHT: #666666 1px solid; WIDTH: 62px; BORDER-BOTTOM: #666666 1px solid; BORDER-LEFT: #666666 1px solid } #photos DIV LABEL { OVERFLOW: hidden; FONT-SIZE: 10px; WIDTH: 64px; WHITE-SPACE: nowrap; COLOR: #666666; TEXT-ALIGN: center } #reco-category { FONT-SIZE: 77% } #reco-desc { FONT-SIZE: 77% } .replbq { MARGIN: 4px } #ygrp-actbar DIV A:first-child { PADDING-RIGHT: 5px; MARGIN-RIGHT: 2px } #ygrp-mlmsg { FONT: x-small Arial, helvetica,clean, sans-serif } #ygrp-mlmsg TABLE { FONT-SIZE: 100%; FONT-VARIANT: normal; FONT-WEIGHT: normal; FONT-STYLE: normal; LINE-HEIGHT: normal } #ygrp-mlmsg SELECT { FONT: 99% Arial, Helvetica, clean, sans-serif } INPUT { FONT: 99% Arial, Helvetica, clean, sans-serif } TEXTAREA { FONT: 99% Arial, Helvetica, clean, sans-serif } #ygrp-mlmsg PRE { FONT: 100% monospace } CODE { FONT: 100% monospace } #ygrp-mlmsg * { LINE-HEIGHT: 1.22em } #ygrp-mlmsg #logo { PADDING-BOTTOM: 10px } #ygrp-msg P A { FONT-FAMILY: Verdana } #ygrp-msg P#attach-count SPAN { FONT-WEIGHT: 700; COLOR: #1e66ae } #ygrp-reco #reco-head { FONT-WEIGHT: 700; COLOR: #ff7900 } #ygrp-reco { MARGIN-BOTTOM: 20px; PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #ygrp-sponsor #ov LI A { FONT-SIZE: 130%; TEXT-DECORATION: none } #ygrp-sponsor #ov LI { LIST-STYLE-TYPE: square; FONT-SIZE: 77%; PADDING-BOTTOM: 6px; PADDING-TOP: 6px; PADDING-LEFT: 0px; PADDING-RIGHT: 0px } #ygrp-sponsor #ov UL { PADDING-BOTTOM: 0px; PADDING-TOP: 0px; PADDING-LEFT: 8px; MARGIN: 0px; PADDING-RIGHT: 0px } #ygrp-text { FONT-FAMILY: Georgia } #ygrp-text P { MARGIN: 0px 0px 1em } #ygrp-text TT { FONT-SIZE: 120% } #ygrp-vital UL LI:unknown { BORDER-RIGHT: medium none }

1364. RE: [atlas_radio] Wanted: Schematic for 350-PS

Yahoo group: atlas_radio
Date: 2016-01-17 17:05:39 UTC
From: MIKE DURKIN
Topic: 1356 Message: 1364

Im wondering how the over voltage occurred ... the HIGH side is always above 14V ... designed that way (sort of)

To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Sun, 17 Jan 2016 09:54:36 -0700
Subject: Re: [atlas_radio] Wanted: Schematic for 350-PS

☐

My 350-PS has an after-market OVP installed, but I'm afraid that I'm reluctant to disassemble the power supply to reverse engineer the OVP (not a trivial task).
I do have a suggestion, though. TenTec manufactured outboard OVP's for their early 14v 20A power supplies. The TenTec p/n is 1150. There is currently one for sale on ebay (item# 361466480164). This OVP could be used outboard of the 350PS, or unpackaged, and installed inside the 350PS. I also have the schematic for the TenTec 1150, and would be happy to send that to you (in jpg format) if you wish.

73,
Allen--W7GIF

Original Message -----
From:
JF
PICARD jfphp@yahoo.com [atlas_radio]
To:
atlas_radio@yahoogroups.com

Sent:
Sunday, January 17, 2016 8:01 AM
Subject:
Re: [atlas_radio] Wanted: Schematic for 350-PS

Hello,
Has anybody the schematics of the power supply with the OVP circuit : I had a catastrophic failure of one of the serial regulator transistors and a destruction of the PA and I intended to install an overvoltage protection...

Thank you and 73.

J.F.
PICARD
F6ERK

1365. Re: [atlas_radio] Wanted: Schematic for 350-PS

Yahoo group: atlas_radio
Date: 2016-01-17 17:27:44 UTC
From: Jim Strohm
Topic: 1356 Message: 1365

The ARRL Handbook has (in past years) shown a generic SCR "crowbar" sub-circuit in some of its 12VDC (or thereabouts) supplies. Basically it's a honking big SCR with a voltage detector to trigger it to fire. When it fires, it shorts the positive rail to ground, thus blowing the primary fuse. This takes only milliseconds, so you only need a TO-220 sized SCR ... but the bigger, the better.
Also you need a fast-blow primary fuse of the correct size -- or a small enough slow-blow primary fuse that'll give up its smoke when you try to draw an instantaneous 20 amps through the primary.
If you build one of these, you can test it with resistors replacing the load, and a variable resistor to dial in the right voltage. I know that on the 210/215 series, the factory console "over-volted" the finals, so you might consider one crowbar for the receiver side, set at around 14.5VDC, and a second crowbar for the finals, set close to 18VDC, which is typically the absolute maximum voltage for "12 volt" finals.
The inventive folks among us will use their crowbar circuits to interrupt a leg in the primary, and display a visible indicator showing it's been tripped...
73
Jim N6OTQ

On Sun, Jan 17, 2016 at 11:05 AM, MIKE DURKIN Patriot121@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

>
>
> Im wondering how the over voltage occurred ... the HIGH side is always
> above 14V ... designed that way (sort of)
>
> ------------------------------
> To: atlas_radio@yahoogroups.com
> From: atlas_radio@yahoogroups.com
> Date: Sun, 17 Jan 2016 09:54:36 -0700
> Subject: Re: [atlas_radio] Wanted: Schematic for 350-PS
>
>
> My 350-PS has an after-market OVP installed, but I'm afraid that I'm
> reluctant to disassemble the power supply to reverse engineer the OVP (not
> a trivial task).
> I do have a suggestion, though. TenTec manufactured outboard OVP's for
> their early 14v 20A power supplies. The TenTec p/n is 1150. There is
> currently one for sale on ebay (item# 361466480164). This OVP could be
> used outboard of the 350PS, or unpackaged, and installed inside the 350PS.
> I also have the schematic for the TenTec 1150, and would be happy to send
> that to you (in jpg format) if you wish.

>
> 73,
> Allen--W7GIF
>
>
> ----- Original Message -----
> *From:* JF PICARD jfphp@... [atlas_radio]
> <jfphp@...+[atlas_radio]>
> *To:* atlas_radio@yahoogroups.com
> *Sent:* Sunday, January 17, 2016 8:01 AM
> *Subject:* Re: [atlas_radio] Wanted: Schematic for 350-PS
>
> Hello,
> Has anybody the schematics of the power supply with the OVP circuit : I
> had a catastrophic failure of one of the serial regulator transistors and a
> destruction of the PA and I intended to install an overvoltage
> protection...
>
> Thank you and 73.
>
> J.F. PICARD
> F6ERK
>
>

1366. G4HUP LC Meter

Yahoo group: atlas_radio
Date: 2016-01-18 11:52:39 UTC
From: kiheiman@...
Topic: 1366 Message: 1366

If you are doing any type of rebuild work on your Atlas radio, then a LC meter comes in very handy for testing capacitors and inductors. You can get the Chinese variety on eBay for around $30. Some come in a case and some do not. They are basically non-repairable except for the LCD display.

One of the better meters was the one from AADE. Neil passed away last year and the LC Meter is no longer available. An excellent model that actually improves upon Neil's design is the one from the G4HUP.com web site (compare the schematics of the G4HUP model with the AADE unit and you can see the differences) . The kit price is very reasonable, even with shipping. This meter has a calibrate function that allows one to get very good accuracy. The source code is also available, so if your PIC controller chip goes bad, you can burn a new chip yourself. BTW - the customer service from Dave is excellent.

The site also has a isolation amplifier (PAT) that can be used for attaching a pan-adapter to an Atlas radio. The kit is very low in price and uses all SMT parts, so it has a very low profile. I am working on a project to add a pan-adapter to my 210X LE using a Softrock RXTX Ensemble board.

I have been comparing the RX audio on my LE unit with a number of rigs (Tec Ten Argonaut VI, Eagle 599, Yaesu FT-857, Alinco DX70, and Flex 3000). The Atlas audio is better than most and is as good or slightly better than the Flex 3000).

73
Clint
W7KEC

1367. 210x bottom

Yahoo group: atlas_radio
Date: 2016-01-22 02:18:46 UTC
From: famabc@...
Topic: 1367 Message: 1367

I have got a old 210x back on the air but need a bottom cover to make it 100% anyone have one to part with ?

Thanks
W9COD

1368. Re: [atlas_radio] 210x bottom

Yahoo group: atlas_radio
Date: 2016-01-22 20:08:47 UTC
From: Frank Schalles
Topic: 1367 Message: 1368

I have some parts including a bottom.
Write me at francisschalles@...

On 1/21/16, famabc@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
> I have got a old 210x back on the air but need a bottom cover to make it
> 100% anyone have one to part with ?
>
>
> Thanks
> W9COD
>
>
>

1369. atlas350XL FOR SALE & power supply

Yahoo group: atlas_radio
Date: 2016-02-03 19:50:37 UTC
From: k6zlp@...
Topic: 1369 Message: 1369

GROUP; i have a complete 350xl for sale BUT it no longer receives or transmits. it was receiving,but recently stopped. i also have a complete power supply BUT IT NO LONGER PUTS OUT 18 VOLTS. 14 Volts for receive is still good. what do you think they are worth?b thanks, Doc _k6zlpo@..._ (mailto:k6zlpo@...)

1370. Re: [atlas_radio] atlas350XL FOR SALE & power supply

Yahoo group: atlas_radio
Date: 2016-02-04 15:37:55 UTC
From: Frank Schalles
Topic: 1369 Message: 1370

Hi!

Recently on ebay working 350xl's are going for $300 to $400 I think.
Non working for less.
Usually they are offered individually for sale. You can do a item
search on ebay and see what past 350xl's sold for and then average the
prices.

Good luck!

Frank S - AF5KV

On 2/3/16, k6zlp@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
> GROUP; i have a complete 350xl for sale BUT it no longer receives or
> transmits. it was receiving,but recently stopped. i also have a complete
> power
> supply BUT IT NO LONGER PUTS OUT 18 VOLTS. 14 Volts for receive is still
> good. what do you think they are worth?b thanks, Doc
> _k6zlpo@..._
> (mailto:k6zlpo@...)

1371. RE: [atlas_radio] atlas350XL FOR SALE & power supply

Yahoo group: atlas_radio
Date: 2016-02-04 16:32:43 UTC
From: MIKE DURKIN
Topic: 1369 Message: 1371

I can't afford it right now ... but would like to have it ...

To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Thu, 4 Feb 2016 09:37:55 -0600
Subject: Re: [atlas_radio] atlas350XL FOR SALE & power supply

Hi!

Recently on ebay working 350xl's are going for $300 to $400 I think.

Non working for less.

Usually they are offered individually for sale. You can do a item

search on ebay and see what past 350xl's sold for and then average the

prices.

Good luck!

Frank S - AF5KV

On 2/3/16, k6zlp@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

> GROUP; i have a complete 350xl for sale BUT it no longer receives or

> transmits. it was receiving,but recently stopped. i also have a complete

> power

> supply BUT IT NO LONGER PUTS OUT 18 VOLTS. 14 Volts for receive is still

> good. what do you think they are worth?b thanks, Doc

> _k6zlpo@..._

> (mailto:k6zlpo@aol.com)

1372. Re: [atlas_radio] atlas350XL FOR SALE & power supply

Yahoo group: atlas_radio
Date: 2016-02-05 00:14:25 UTC
From: John Fairburn
Topic: 1369 Message: 1372

Hi Doc, I would like to see a few pictures of the rig. Don't know what it would be worth, but I might be interested, though I really don't need another project just now. I have two Atlas radios, a 210 and a 215x, and it would be great to have a 350.

73, John KA9PIE

On Wednesday, February 3, 2016 1:50 PM, "k6zlp@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

GROUP; i have a complete 350xl for sale BUT it no longer receives or transmits. it was receiving,but recently stopped. i also have a complete power supply BUT IT NO LONGER PUTS OUT 18 VOLTS. 14 Volts for receive is still good. what do you think they are worth?b thanks, Doc k6zlpo@...

1373. Si570 VFO Update

Yahoo group: atlas_radio
Date: 2016-02-20 14:00:43 UTC
From: kiheiman@...
Topic: 1373 Message: 1373

I have posted pictures on my Si570 VFO under "Si570 Remote VFO". This VFO uses a stock SDR-Kits Si570 board. The unit can be used as a remote VFO attached to an Atlas radio and can also be used as a signal generator if the appropriate low pass filters are placed in the output.

I have received a beta micro code update for a customized Si570 that can be used as an internal VFO in a 210X radio. This customized version will use control lines for switching between bands as opposed to using push button switches,. The unit will be housed in a Hammond 1590Y box - the same as my current AD9951 VFO. The box will also have QRP Labs low pass filters that are switched on the same control lines. I should have some initial test results in a few weeks.

73
Clint
W7KEC

1374. Re: Si570 VFO Update

Yahoo group: atlas_radio
Date: 2016-02-20 15:43:26 UTC
From: 4z4rb1@...
Topic: 1373 Message: 1374

Sounds great 73's
Baruch 4z4rb

1375. ATLAS 350 POWER SUPPLY

Yahoo group: atlas_radio
Date: 2016-03-14 02:24:37 UTC
From: k6zlp@...
Topic: 1375 Message: 1375

GROUP: I HAVE A NICE 350 P0WER SUPPLY , BUT HAVE SOLD THE RIG. THE POWER SUPPLY CASE HAS A CURRENT METER AND A VOLT METER ON THE FACE. HAS A SPEAKER TOO LET ME KNOW WHAT IT'S WORTH. I DON'T NEED IT ANY MORE DOC K6ZLP@...

1376. RE: [atlas_radio] ATLAS 350 POWER SUPPLY

Yahoo group: atlas_radio
Date: 2016-03-14 03:41:19 UTC
From: MIKE DURKIN
Topic: 1375 Message: 1376

Ship it to the Atlas350XL group owner ....

To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Sun, 13 Mar 2016 22:24:37 -0400
Subject: [atlas_radio] ATLAS 350 POWER SUPPLY

GROUP: I HAVE A NICE 350 P0WER SUPPLY , BUT HAVE SOLD THE RIG.
THE POWER SUPPLY CASE HAS A CURRENT METER AND A VOLT METER ON THE FACE.
HAS A SPEAKER TOO LET ME KNOW WHAT IT'S WORTH. I DON'T NEED IT ANY
MORE DOC K6ZLP@...

1377. Re: [atlas_radio] ATLAS 350 POWER SUPPLY

Yahoo group: atlas_radio
Date: 2016-03-14 17:16:27 UTC
From: k6zlp@...
Topic: 1375 Message: 1377

ATLAS GROUP: WHAT DO YOU THINK THE POWER SUPPLY IS WORTH. I'LL LET IT GO CHEAP.
DOC K6ZLP@...

In a message dated 3/13/2016 11:41:27 P.M. Eastern Daylight Time, atlas_radio@yahoogroups.com writes:

Ship it to the Atlas350XL group owner ....

To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Sun, 13 Mar 2016 22:24:37 -0400
Subject: [atlas_radio] ATLAS 350 POWER SUPPLY

GROUP: I HAVE A NICE 350 P0WER SUPPLY , BUT HAVE SOLD THE RIG. THE POWER SUPPLY CASE HAS A CURRENT METER AND A VOLT METER ON THE FACE. HAS A SPEAKER TOO LET ME KNOW WHAT IT'S WORTH. I DON'T NEED IT ANY MORE DOC K6ZLP@...

1378. Re: [atlas_radio] ATLAS 350 POWER SUPPLY

Yahoo group: atlas_radio
Date: 2016-03-14 18:01:12 UTC
From: Jim Strohm
Topic: 1375 Message: 1378

I'll give you ten bucks for it, plus shipping.

Jim N6OTQ

On Mon, Mar 14, 2016 at 12:16 PM, k6zlp@... [atlas_radio] <
atlas_radio@yahoogroups.com> wrote:

>
> ATLAS GROUP: WHAT DO YOU THINK THE POWER SUPPLY IS WORTH. I'LL LET IT GO
> CHEAP.
> DOC K6ZLP@...
>
> In a message dated 3/13/2016 11:41:27 P.M. Eastern Daylight Time,
> atlas_radio@yahoogroups.com writes:
>
> Ship it to the Atlas350XL group owner ....
>
> ------------------------------
> To: atlas_radio@yahoogroups.com
> From: atlas_radio@yahoogroups.com
> Date: Sun, 13 Mar 2016 22:24:37 -0400
> Subject: [atlas_radio] ATLAS 350 POWER SUPPLY
>
>
> GROUP: I HAVE A NICE 350 P0WER SUPPLY , BUT HAVE SOLD THE RIG. THE POWER
> SUPPLY CASE HAS A CURRENT METER AND A VOLT METER ON THE FACE. HAS A
> SPEAKER TOO LET ME KNOW WHAT IT'S WORTH. I DON'T NEED IT ANY MORE DOC
> K6ZLP@...
>
>

1379. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2016-03-14 21:36:08 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1379

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 110 Product Announcement.pdf
Uploaded by : big.ricks <big.ricks@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas%20110%20Product%20Announcement
.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

big.ricks <big.ricks@...>

1380. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2016-03-14 21:36:56 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1380

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 110 Line B&W Photos.pdf
Uploaded by : big.ricks <big.ricks@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas%20110%20Line%20B%26W%20Photos.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

big.ricks <big.ricks@...>

1381. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2016-03-14 21:40:19 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1381

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /RX-110 & TX-110 Price List.pdf
Uploaded by : big.ricks <big.ricks@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/RX-110%20%26%20TX-110%20Price%20List
.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

big.ricks <big.ricks@...>

1382. (no subject)

Yahoo group: atlas_radio
Date: 2016-03-16 17:29:05 UTC
From: k6zlp@...
Topic: 1382 Message: 1382

HI GROU[P; I HAVE A DD-6 DIGITAL DISPLAY FROM AN OLD 350XL TRANCEIVER.
IT IS IN GOOD\
CONDITION AND WORKS BRILLIANTLY. I WOULD LIKE $100 FOR IT. THANKS DOC
K6ZLP@...

1383. Re: New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2016-03-16 18:41:13 UTC
From: g4fph@...
Topic: 1232 Message: 1383

Thanks for the files.

I wonder if Herb really ever did made any of the 'special' models, featuring their "RIT, CW filter and RF Gain control"? I have some 110 circuits here and can see no evidence.

I have it in mind that the 110-series was not a great sales success for Atlas. Wrong product at the wrong time for what was happening in the US market, perhaps? I estimate there's only a handful of 110-series in the UK, if that.

Regards,

Mark.

1384. Re: [atlas_radio] ATLAS 350 POWER SUPPLY

Yahoo group: atlas_radio
Date: 2016-03-16 19:26:43 UTC
From: k6zlp@...
Topic: 1375 Message: 1384

JIM: RAISE YOUR OFFER TO $25.00 AND I,LL SHIP IT TO YOU,PLUS SHIPPING COSTS, OF COURSE. THANKS. DO K6ZLP@...

In a message dated 3/14/2016 2:01:21 P.M. Eastern Daylight Time, atlas_radio@yahoogroups.com writes:

I'll give you ten bucks for it, plus shipping.

Jim N6OTQ

On Mon, Mar 14, 2016 at 12:16 PM, _k6zlp@..._ (mailto:k6zlp@...m) [atlas_radio] <_atlas_radio@yahoogroups.com_ (mailto:atlas_radio@yahoogroups.com) > wrote:

ATLAS GROUP: WHAT DO YOU THINK THE POWER SUPPLY IS WORTH. I'LL LET IT GO CHEAP.
DOC _K6ZLP@..._ (mailto:K6ZLP@...)

In a message dated 3/13/2016 11:41:27 P.M. Eastern Daylight Time, _atlas_radio@yahoogroups.com_ (mailto:atlas_radio@yahoogroups.com) writes:

Ship it to the Atlas350XL group owner ....

To: _atlas_radio@yahoogroups.com_ (mailto:atlas_radio@yahoogroups.com)
From: _atlas_radio@yahoogroups.com_ (mailto:atlas_radio@yahoogroups.com)
Date: Sun, 13 Mar 2016 22:24:37 -0400
Subject: [atlas_radio] ATLAS 350 POWER SUPPLY

GROUP: I HAVE A NICE 350 P0WER SUPPLY , BUT HAVE SOLD THE RIG. THE POWER SUPPLY CASE HAS A CURRENT METER AND A VOLT METER ON THE FACE. HAS A SPEAKER TOO LET ME KNOW WHAT IT'S WORTH. I DON'T NEED IT ANY MORE DOC _K6ZLP@..._ (mailto:K6ZLP@...)

1385. Re: [atlas_radio] ATLAS 350 POWER SUPPLY

Yahoo group: atlas_radio
Date: 2016-03-16 19:47:00 UTC
From: Jim Strohm
Topic: 1375 Message: 1385

Doc,

What's shipping to 78758?

Jim N6OTQ

On Wed, Mar 16, 2016 at 2:26 PM, k6zlp@... [atlas_radio] <
atlas_radio@yahoogroups.com> wrote:

>
>
> JIM: RAISE YOUR OFFER TO $25.00 AND I,LL SHIP IT TO YOU,PLUS SHIPPING
> COSTS, OF COURSE. THANKS. DO K6ZLP@...
>
> In a message dated 3/14/2016 2:01:21 P.M. Eastern Daylight Time,
> atlas_radio@...m writes:
>
>
>
> I'll give you ten bucks for it, plus shipping.
>
> Jim N6OTQ
>
> On Mon, Mar 14, 2016 at 12:16 PM, k6zlp@... [atlas_radio] <
> atlas_radio@yahoogroups.com> wrote:
>
>>
>> ATLAS GROUP: WHAT DO YOU THINK THE POWER SUPPLY IS WORTH. I'LL LET IT
>> GO CHEAP.
>> DOC K6ZLP@...
>>
>> In a message dated 3/13/2016 11:41:27 P.M. Eastern Daylight Time,
>> atlas_radio@yahoogroups.com writes:
>>
>> Ship it to the Atlas350XL group owner ....
>>
>> ------------------------------
>> To: atlas_radio@yahoogroups.com
>> From: atlas_radio@yahoogroups.com
>> Date: Sun, 13 Mar 2016 22:24:37 -0400
>> Subject: [atlas_radio] ATLAS 350 POWER SUPPLY
>>
>>
>> GROUP: I HAVE A NICE 350 P0WER SUPPLY , BUT HAVE SOLD THE RIG. THE
>> POWER SUPPLY CASE HAS A CURRENT METER AND A VOLT METER ON THE FACE. HAS A
>> SPEAKER TOO LET ME KNOW WHAT IT'S WORTH. I DON'T NEED IT ANY MORE DOC

>> K6ZLP@AOL.COM
>>
>>
>
>
>
>

1386. Atlas 180/215/210 part ID

Yahoo group: atlas_radio
Date: 2016-03-16 23:08:31 UTC
From: Bill Cromwell
Topic: 1386 Message: 1386

Hi,

I have an Atlas 180 and a part on the carrier oscillator board went south. D-601 is listed as a BA182. I cannot find a BA182 nor any specs for a substitute. Without this diode the Carrier oscillator (in the normal sideband mode) will not shift into the filter passband and there is no CW signal transmitted. When I tune the carrier oscillator into the passband with trim cap i can get the full CW carrier. That is only good for a test and NOT for CW operation.

Does anybody have information about a substitute for this part? I looked at the manuals for the 210 and 215 and those use the same parts. Until I can get the carrier to shift for CW transmit the radio is SSB phone only. If there is no joy with the BA182 I will try other diodes or even change the circuit to some things that have been published for other radios.

73,

Bill KU8H

1387. Re: [atlas_radio] Atlas 180/215/210 part ID

Yahoo group: atlas_radio
Date: 2016-03-16 23:13:16 UTC
From: Stroppel, Galo J
Topic: 1386 Message: 1387

This crosses to an NTE177
John

Sent from Outlook Mobile<https://aka.ms/blhgte>

On Wed, Mar 16, 2016 at 4:08 PM -0700, "Bill Cromwell wrcromwell@gmail.com [atlas_radio]" <atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>> wrote:

Hi,

I have an Atlas 180 and a part on the carrier oscillator board went south. D-601 is listed as a BA182. I cannot find a BA182 nor any specs for a substitute. Without this diode the Carrier oscillator (in the normal sideband mode) will not shift into the filter passband and there is no CW signal transmitted. When I tune the carrier oscillator into the passband with trim cap i can get the full CW carrier. That is only good for a test and NOT for CW operation.

Does anybody have information about a substitute for this part? I looked at the manuals for the 210 and 215 and those use the same parts. Until I can get the carrier to shift for CW transmit the radio is SSB phone only. If there is no joy with the BA182 I will try other diodes or even change the circuit to some things that have been published for other radios.

73,

Bill KU8H

1388. Re: [atlas_radio] Atlas 180/215/210 part ID

Yahoo group: atlas_radio
Date: 2016-03-16 23:49:00 UTC
From: Bill Cromwell
Topic: 1386 Message: 1388

Thanks John :)

73,

Bill KU8H

On 03/16/2016 07:13 PM, 'Stroppel, Galo J' galo-stroppel@...
[atlas_radio] wrote:
>
> This crosses to an NTE177
> John
>
> Sent from Outlook Mobile <https://aka.ms/blhgte>
>
>

1389. Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-03-19 14:44:40 UTC
From: Bill Cromwell
Topic: 1389 Message: 1389

Hi,

John provided information for a replacement switching diode on the carrier oscillator board (same in my 180 as in the 215 and 210). I am ordering that part number to keep as spares but looking at the specs it seems the diode I installed 'should' work. Switching to CW mode only shifts the carrier about 100 Hz. I will focus more attention on the capacitor that is switched in and out of the circuit. On the 350 model I see that capacitor is a small variable unit (in a different circuit layout) and I might try installing one of those in the 180. There are other variable cap/diode-switched circuits to accomplish this function with other xtal oscillators published over the years.

The dial drum on my radio broke (once upon a time) and it started it's "Rip VanWinkle" sleep. The broken drum was subsequently *lost*. I have found a new (old stock) replacement dial drum at "RF Parts" and one is on it's way here now. The new drums are blank but will fit the 180, 215, and 210 models. I can use my computer and some modest graphics software with the color printer to make (and tweak) a new scale for the dial. I think from reading the manuals the scale is a little different between/among the various models. The blank drum then is a "feature" and not a detraction. The drum is listed at $12.50 or so..well worth buying instead of fabricating in the shop. I decided to *not* use a digital dial on the 180. I don't have any plans to use it for frequency measurement and there is no digital noise from a paper scale on a plastic dial drum <evil grin>. This radio will playing in field-portable operation once again.

73,

Bill KU8H

1390. RE: [atlas_radio] Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-03-19 18:15:34 UTC
From: kiheiman
Topic: 1389 Message: 1390

There are dial scales on the Atlas forum that can be printed out.

73
Clint
W7KEC

Sent via the Samsung Galaxy Tab 2 10.1, an AT&T 4G LTE tablet

-------- Original message --------
From: "Bill Cromwell wrcromwell@gmail.com [atlas_radio]" <atlas_radio@yahoogroups.com>
Date: 03/19/2016 7:44 AM (GMT-07:00)
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Atlas 180 project

Hi,

John provided information for a replacement switching diode on the carrier oscillator board (same in my 180 as in the 215 and 210). I am ordering that part number to keep as spares but looking at the specs it seems the diode I installed 'should' work. Switching to CW mode only shifts the carrier about 100 Hz. I will focus more attention on the capacitor that is switched in and out of the circuit. On the 350 model I see that capacitor is a small variable unit (in a different circuit layout) and I might try installing one of those in the 180. There are other variable cap/diode-switched circuits to accomplish this function with other xtal oscillators published over the years.

The dial drum on my radio broke (once upon a time) and it started it's "Rip VanWinkle" sleep. The broken drum was subsequently *lost*. I have found a new (old stock) replacement dial drum at "RF Parts" and one is on it's way here now. The new drums are blank but will fit the 180, 215, and 210 models. I can use my computer and some modest graphics software with the color printer to make (and tweak) a new scale for the dial. I think from reading the manuals the scale is a little different between/among the various models. The blank drum then is a "feature" and not a detraction. The drum is listed at $12.50 or so..well worth buying instead of fabricating in the shop. I decided to *not* use a digital dial on the 180. I don't have any plans to use it for frequency measurement and there is no digital noise from a paper scale on a plastic dial drum <evil grin>. This radio will playing in field-portable operation once again.

73,

Bill KU8H

1391. Re: [atlas_radio] Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-03-19 18:58:55 UTC
From: Bill Cromwell
Topic: 1389 Message: 1391

Thanks Clint,

That makes it even easier.

73,

Bill KU8H

On 03/19/2016 02:15 PM, kiheiman kiheiman@... [atlas_radio] wrote:
> There are dial scales on the Atlas forum that can be printed out.
>
> 73
> Clint
> W7KEC
>
>
>
>
> Sent via the Samsung Galaxy Tab 2 10.1, an AT&T 4G LTE tablet
>

1392. Re: [atlas_radio] Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-03-21 16:39:34 UTC
From: Bill Cromwell
Topic: 1389 Message: 1392

Thanks Clint,

I could only find one and the scales on it will not work for the 180. If there is someplace that I overlooked a pointer would help (URL). Meanwhile, the one I found will give me a good head start. It should already fit the dial drum and I can edit it to work for the 180.

73,

Bill KU8H

On 03/19/2016 02:15 PM, kiheiman kiheiman@... [atlas_radio] wrote:
> There are dial scales on the Atlas forum that can be printed out.
>
> 73
> Clint
> W7KEC
>
>
>

1393. Re: [atlas_radio] Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-03-21 18:07:56 UTC
From: Clint
Topic: 1389 Message: 1393

There should have been one for the 210X and the 215X. Not sure if the scales are the same as the 180.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Monday, March 21, 2016 9:39 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 180 project

Thanks Clint,

I could only find one and the scales on it will not work for the 180. If there is someplace that I overlooked a pointer would help (URL).
Meanwhile, the one I found will give me a good head start. It should already fit the dial drum and I can edit it to work for the 180.

73,

Bill KU8H

On 03/19/2016 02:15 PM, kiheiman kiheiman@... [atlas_radio] wrote:
> There are dial scales on the Atlas forum that can be printed out.
>
> 73
> Clint
> W7KEC
>
>
>

1394. RE: [atlas_radio] Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-03-21 18:31:51 UTC
From: MIKE DURKIN
Topic: 1389 Message: 1394

I don't think so .....

I might have a scan some where ....

Part problem is that if you use paper, it will deteriorate fast ... compared to plastic ...

Making one (final print) on a transparency sheet would look good ....

To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Mon, 21 Mar 2016 11:07:56 -0700
Subject: Re: [atlas_radio] Atlas 180 project

There should have been one for the 210X and the 215X. Not sure
if the scales are the same as the 180.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com

Sent: Monday, March 21, 2016 9:39 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 180 project

Thanks Clint,

I could only find one and the scales on it will not work
for the 180. If
there is someplace that I overlooked a pointer would help
(URL).
Meanwhile, the one I found will give me a good head start. It should

already fit the dial drum and I can edit it to work for the
180.

73,

Bill KU8H

On 03/19/2016 02:15 PM, kiheiman
kiheiman@... [atlas_radio] wrote:
> There are dial scales on the Atlas
forum that can be printed out.
>
> 73
> Clint

>
W7KEC
>
>
>

1395. Re: [atlas_radio] Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-03-21 19:32:29 UTC
From: Clint
Topic: 1389 Message: 1395

I have printed mine out on glossy photo paper and let the ink thoroughly dry. I then spray both sides with clear lacquer.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Monday, March 21, 2016 11:31 AM
To: atlas_radio@yahoogroups.com
Subject: RE: [atlas_radio] Atlas 180 project

I don't think so .....

I might have a scan some where ....

Part problem is that if you use paper, it will deteriorate fast ... compared to plastic ...

Making one (final print) on a transparency sheet would look good ....

To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Mon, 21 Mar 2016 11:07:56 -0700
Subject: Re: [atlas_radio] Atlas 180 project

There should have been one for the 210X and the 215X. Not sure if the scales are the same as the 180.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Monday, March 21, 2016 9:39 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 180 project

Thanks Clint,

I could only find one and the scales on it will not work for the 180. If
there is someplace that I overlooked a pointer would help (URL).
Meanwhile, the one I found will give me a good head start. It should
already fit the dial drum and I can edit it to work for the 180.

73,

Bill KU8H

On 03/19/2016 02:15 PM, kiheiman kiheiman@... [atlas_radio] wrote:
> There are dial scales on the Atlas forum that can be printed out.
>
> 73
> Clint
> W7KEC
>
>
>

1396. Re: [atlas_radio] Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-03-23 10:11:37 UTC
From: Bill Cromwell
Topic: 1389 Message: 1396

Hi Clint..

.....everybody,

Does the back light come through the photopaper? Never mind..I have some of that here. I held it up to the light and found that light does pass through. The original dial scale on the 180 was green background with black scales (as I remember it).

I printed the scale I found in the files section and this weekend I will mount it on the drum (rubberbands) and give it a trial run to see where the marker points fall on the scale. From there I can edit and manipulate the image to get what I need for the 180. Thanks for all the help.

When RF Parts runs out of the dial drums we might be able to cut down the package covers from CD/DVDs and mount a central hub. Then use that. It might not be stiff enough but that is where I was going to go first before I found the stash at RF Parts.

73,

Bill KU8H

On 03/21/2016 03:32 PM, 'Clint' kiheiman@... [atlas_radio] wrote:
>
> I have printed mine out on glossy photo paper and let the ink
> thoroughly dry. I then spray both sides with clear lacquer.
> 73
> Clint
> W7KEC
>

1397. Re: [atlas_radio] Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-03-23 10:48:41 UTC
From: 4z4rb1@...
Topic: 1389 Message: 1397

I have a complete drum and the original scale on it for the 210 i do not need it anymore

1398. Re: [atlas_radio] Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-03-23 10:55:39 UTC
From: 4z4rb1@...
Topic: 1389 Message: 1398

I have a good drum and scale for 210X u can have it

1399. Re: [atlas_radio] Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-03-23 20:40:20 UTC
From: Bill Cromwell
Topic: 1389 Message: 1399

Hi,

Thanks for your generous offer. I will decline. Please pass it along to somebody who needs a drum - especially one who needs it for a 210. I would still have to make and fit a scale for the 180. The 180 covers a different set of bands from 160 meters with one scale and then 80 through (including) 20 meters 0n the second scale. It give 350 kc of range - plus some overlap at the ends and a little overage on 160 meters. 80 meters is divided into two bands with overlap in the middle part of the band. If I recall correctly the scales are also different for a 215. I have a new drum and will calibrate and install the appropriate scales this weekend. It will be good to have the 180 back on the air. And I'm glad I didn't have to fabricate the drum.

Thanks again fro all the help.

73,

Bill KU8H

On 03/23/2016 06:55 AM, 4z4rb1@... [atlas_radio] wrote:
>
> I have a good drum and scale for 210X
>
> u can have it
>
> ---
>

1400. Re: [atlas_radio] Atlas 180 dial update

Yahoo group: atlas_radio
Date: 2016-03-25 13:56:36 UTC
From: Bill Cromwell
Topic: 1389 Message: 1400

Hi,

It's not really the weekend yet but I taped the dial scale from the 'Files' section onto the new dial drum. The first thing I noticed is the white lettering now has the green hue I recall from using the 180. The window itself is tinted green. Duh.

The scale is meant for use with a 210 which is different. The VFO range on the 180 covers about 350 kc (plus some at each end). The 215 covers 500 kc (plus some at each end - even in the 160 meter band). If I recall correctly the 210 also covers 500 kc (plus some past the ends). All of this implies the 180 has a bit more 'bandspread' than the other two models. The 3.5 mc band is divided into two bands with overlap in the middle for an 80 meter and a 75 meter bandswitch positions.

I have to edit the scales and I also have to stretch it a little longer to work in the 180. I have already printed a copy and will scan it into my computer as a jpeg so that I can edit it as needed including the 'stretch'. Then print the new 180 version and tape that to the drum. When I get it lined up just right I will post the scale for the 180 to the files section in PDF format. I am happy with the progress. Thanks for all the help from the list members.

73,

Bill KU8H

1401. SOTABEAMS DSP Audio Filters

Yahoo group: atlas_radio
Date: 2016-03-30 17:47:08 UTC
From: g4fph@...
Topic: 1401 Message: 1401

Hi to all on the group!

My friend Richard, G3CWI, has just announced the availability of some new DSP-based audio filters, here:

Digital Audio Filter Modules http://www.sotabeams.co.uk/digital-audio-filter-modules/

http://www.sotabeams.co.uk/digital-audio-filter-modules/

Digital Audio Filter Modules http://www.sotabeams.co.uk/digital-audio-filter-modules/ HF and VHF Portable Antennas and Accessories for Amateur Radio operating.

View on www.sotabeams.co.uk http://www.sotabeams.co.uk/digital-audio-filter-modules/
Preview by Yahoo

Looks like an easy way of improving the usability of the Atlas on CW. The form factor looks like it would lend itself to tucking the module out of the way somewhere (double-sided tape?) and could re-purpose the display brightness switch to select the filter type in combination with the mode switch, perhaps.

Another project for my retirement list!

Regards,

Mark.

1402. Re: [atlas_radio] Atlas 180 dial update

Yahoo group: atlas_radio
Date: 2016-03-30 17:56:42 UTC
From: g4fph@...
Topic: 1389 Message: 1402

Bill,

Following your progress with interest!

I recently acquired a 180 and became aware that RFP sells new dial drums for the Atlas mobiles. My 180 is not in need in this area at present, but it would be great to have a 'go to' solution on the shelf for the future.

My 180 has a problem with signal distortion on TX. Sounds a little like RF feedback and I started looking into the 're-routing of the coax to the PA mod.' My 215x however do not have this mod. and works just fine, so I don't see why the 180 should need it either. May not be an RF feedback issue at all though, as the problem is there even when transmitting into a dummy load.

I need to try some signal tracing on the internal cards to narrow down the problem. Doubtless I will need to remove the dial drum at some point during the investigation / repair and am not looking forward to doing that...!

Regards,

Mark.

1403. Re: [atlas_radio] Atlas 180 dial update

Yahoo group: atlas_radio
Date: 2016-03-30 21:58:47 UTC
From: Clint
Topic: 1389 Message: 1403

The dial drum is very easy to remove - one set screw. The cracked plastic hub can also be repaired with some aluminum washers and Gorilla glue.

73
Clint
W7KEC

Sent from my iPad

> On Mar 30, 2016, at 10:56 AM, g4fph@mjha.co.uk [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>
> Bill,
>
> Following your progress with interest!
>
> I recently acquired a 180 and became aware that RFP sells new dial drums for the Atlas mobiles. My 180 is not in need in this area at present, but it would be great to have a 'go to' solution on the shelf for the future.
>
> My 180 has a problem with signal distortion on TX. Sounds a little like RF feedback and I started looking into the 're-routing of the coax to the PA mod.' My 215x however do not have this mod. and works just fine, so I don't see why the 180 should need it either. May not be an RF feedback issue at all though, as the problem is there even when transmitting into a dummy load.
>
> I need to try some signal tracing on the internal cards to narrow down the problem. Doubtless I will need to remove the dial drum at some point during the investigation / repair and am not looking forward to doing that...!
>
> Regards,
>
> Mark.
>
>

1404. RE: [atlas_radio] Atlas 180 dial update

Yahoo group: atlas_radio
Date: 2016-03-30 23:20:50 UTC
From: MIKE DURKIN
Topic: 1389 Message: 1404

My experience ... is when using a 2 wire power supply (not a 3 that Atlas supply's) .... the dipping of voltage makes for a VFO shift.... a replacement with a recent version part makes for a good improvement ...

To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Wed, 30 Mar 2016 10:56:42 -0700
Subject: Re: [atlas_radio] Atlas 180 dial update

Bill,

Following your progress with interest!

I recently acquired a 180 and became aware that RFP sells new dial drums for the Atlas mobiles. My 180 is not in need in this area at present, but it would be great to have a 'go to' solution on the shelf for the future.

My 180 has a problem with signal distortion on TX. Sounds a little like RF feedback and I started looking into the 're-routing of the coax to the PA mod.' My 215x however do not have this mod. and works just fine, so I don't see why the 180 should need it either. May not be an RF feedback issue at all though, as the problem is there even when transmitting into a dummy load.

I need to try some signal tracing on the internal cards to narrow down the problem. Doubtless I will need to remove the dial drum at some point during the investigation / repair and am not looking forward to doing that...!

Regards,

Mark.

1405. Re: [atlas_radio] Atlas 180 dial update

Yahoo group: atlas_radio
Date: 2016-03-31 11:54:08 UTC
From: Bill Cromwell
Topic: 1389 Message: 1405

Hi Mark,

My 180 had been on the shelf for several years (see "Rip VanWinkle) and woke up grouchy. I removed all of the plug-in boards and used a pencil eraser to clean the contacts on each board and wiped the internal contacts in the sockets with an electrical contact cleaner. All of the grouchy attributes (multiple motorboats) cleared. I suspect an aging electrolytic cap somewhere in the audio chain that causes some distortion on receive at high volume levels. I can't actually listen to it that loud! But it should be addressed. Some day.

The dial drums from RF Parts are blank. There is no scale. I would have repaired the original drum but it was lost in two (almost) back-to-back moves. The dial scale that is in the files section has a lower scale of 0 to 500 for the 210 (and maybe the 215) along with a 0 to 100 logging scale on top. The 180 needs 0 to 350 on the bottom scale and 1.8 to 2 on the top. All of the dials have some small range beyond the ends of the scales. I am presently using the dial scale from the files section in my Atlas 180, taped to the clear plastic drum. I get approximately 100 kc of tuning range while that scale shows 150 kc. Sure enough at 300 kc on the dial the 180 has moved another 100 kc (200 kc total) up the band. And etc. I was going to try (with graphics software) to cut out the scales, stretch them lengthwise, cut to appropriate leghth (0-350) and paste them back. My software doesn't want to do that. Or I don't know how to coax/coach the software into that trick.

Using the scale that is in the files section as an example I have started laying out a new set of scales for the 180. The 160 meter band has it's scale on the top edge of the drum and the other bands have the other scale on the bottom edge of the drum. I am bumping into things like the need for for a more stable trackball instead of that hokey touch pad to more accurate place the tick marks on the scale. My software is capable but the new trackball is much better. The first attempt wants to work but the touchpad has made a mess so bad I am just starting over. When I get it done I will upload a copy to the files area. I may try using one of the spreadsheet graphing functions to create the dial scales and paste those onto the dial. There are probably a lot of ways to do it - but just buying one seems not to be one of them.

Meanwhile I have been using the 180 to listen on the bands while I am working on other things in the shop. I have only transmitted into a dummy load just enough for a 'proof of concept'. Yes - the 180 still works. More later.

73,

Bill KU8H

On 03/30/2016 01:56 PM, g4fph@... [atlas_radio] wrote:
>
> Bill,
>
> Following your progress with interest!
>
> I recently acquired a 180 and became aware that RFP sells new dial
> drums for the Atlas mobiles. My 180 is not in need in this area at
> present, but it would be great to have a 'go to' solution on the shelf
> for the future.
>
> My 180 has a problem with signal distortion on TX. Sounds a little
> like RF feedback and I started looking into the 're-routing of the
> coax to the PA mod.' My 215x however do not have this mod. and works
> just fine, so I don't see why the 180 should need it either. May not
> be an RF feedback issue at all though, as the problem is there even
> when transmitting into a dummy load.
>
> I need to try some signal tracing on the internal cards to narrow down
> the problem. Doubtless I will need to remove the dial drum at some
> point during the investigation / repair and am not looking forward to
> doing that...!
>
> Regards,
>
> Mark.
>
>

1406. Re: [atlas_radio] Atlas 180 dial update

Yahoo group: atlas_radio
Date: 2016-03-31 17:37:27 UTC
From: g4fph@...
Topic: 1389 Message: 1406

Bill,

Yes, removing the PCB from my Atlas 180 and (carefully!) cleaning the edge connectors is first on my list, once I get the radio on the bench (and after I first clear a space on the bench!).

After that, the pins on the PCB edge connectors are nicely accessible from below, plus I have a 22-way, 0.156-inch pitch extender card from my broadcast TV days that I reckon should fit the Atlas. I'm not sure whether its entirely safe and sound to swap PCB from my 215x into the 180, so some looking at the manuals to be done, unless anyone on the line has been there already and can advise.

One of these days, I will order up a big bucket of electrolytic capacitors and go through each PCB of the radio in my boatanchor collection. They should last longer than I will then! I had a Racal-made, HF drive unit some years ago. It seemed like every time I came to use it, another tantalum had gone short or an electrolytic low-C. It had to go!

I have AutoCAD, which would certainly be up to the task of drafting a new scale for the 180 and could take some measurements when I get the drum off mine, should you need..

Regards,

Mark.

1407. RE: [atlas_radio] Atlas 180 dial update

Yahoo group: atlas_radio
Date: 2016-03-31 17:41:30 UTC
From: g4fph@...
Topic: 1389 Message: 1407

Mike,

The VFO drift is noticably worse on my 180 than on either of my 215x and that's on a well-stabilised shack power supply. Bet it would be real fun in a car or out portable! Should be a good candidate for my external DDS VFO in due course.

At a local hamfest a couple of weeks ago, I was lucky enough to find some B9A plugs for connecting external accessories to the Atlas. They'd been on my list for years!

Regards,

Mark.

1408. Re: [atlas_radio] Atlas 180 dial update

Yahoo group: atlas_radio
Date: 2016-03-31 17:44:25 UTC
From: g4fph@...
Topic: 1389 Message: 1408

Clint,

I shall just go for it at some point. At least there are options available were I to screw it up. If Bill comes up with a new scale that will give extra peace of mind.

Regards,

Mark.

1409. Re: [atlas_radio] Atlas 180 dial update

Yahoo group: atlas_radio
Date: 2016-03-31 17:58:15 UTC
From: Bill Cromwell
Topic: 1389 Message: 1409

Hi,

When I first turn on my 180 it drifts enough to notice for a few minutes and then settles right daown. I haven't logged the time (maybe when I go out to the shack in a few minutes) but after a few minutes there is an SSB aviation weather station just below the 80 meter band and in range of the overlap in the tuning range. After touching up the tuning a couple of times as the 180 warms up it stays on the frequency indefinitely. Is yours worse than that?

Maybe clean the bandswitch contacts. I did that with my Rip VanWinkle radio and it tamed right down.

73,

Bill KU8H

On 03/31/2016 01:41 PM, g4fph@... [atlas_radio] wrote:
>
> Mike,
>
> The VFO drift is noticably worse on my 180 than on either of my 215x
> and that's on a well-stabilised shack power supply. Bet it would be
> real fun in a car or out portable! Should be a good candidate for my
> external DDS VFO in due course.
>
> At a local hamfest a couple of weeks ago, I was lucky enough to find
> some B9A plugs for connecting external accessories to the Atlas.
> They'd been on my list for years!
>
> Regards,
>
> Mark.
>
>

1410. TS940SAT made me do it.

Yahoo group: atlas_radio
Date: 2016-04-02 00:11:33 UTC
From: bob.fleming@...
Topic: 1410 Message: 1410

Every time I get something fixed on that beast something else quits working. I realize that I am doing it all wrong. Simplicity equals happiness (and finally getting on the air). With 18 Transistors and 4 off the shelf ICs total the Atlas transceivers became extremely attractive.
I spotted a 210X (eBay item number: 291717589463). Fortunately I got the transceiver and power supply for a price that probably made me happier than the seller. If I have paid too much, I don't care. As long as the seller packs it well and it arrives without shipping damage I will be very happy.

It seems to have been well cared for and has the extra IF and image trap board installed. I intend to replace the tants and larger electrolytics then search for questionable solder joints once I receive my "new toy".
What other things should I check for? I have been an electronic tech since the early 70s and held a second radio phone license but changed careers in 92 when people quit repairing VCRs and TVs.
Bob N5TX

New Member

1411. Atlas Radio Newletter

Yahoo group: atlas_radio
Date: 2016-04-03 17:42:17 UTC
From: KØMHP
Topic: 1411 Message: 1411

Greetings from east central Missouri, near St Louis. (i am new to the group and new owner of a 210X - but it has not been activated as of now... i need to construct a power cord... otherwise it "appears" to be mint and exceptionally clean under the hood - as in no detected mods).

this is an inquiry about the ATLAS RADIO NEWSLETTER (circa. 1984ish)

have any been posted to the web? that i did not find -- my quick search found just one issue http://atlas.wireless.org.uk/Atlas%20Radio%20Newsletter.pdf
found on this site (many in the group may know about this site - but being new i have no way to know who knows and who doesn't know of this site - so i will list it)http://atlas.wireless.org.uk/history.htm
does anyone in the group have Atlas Radio Newsletters they are willing to convert to PDF and post to group files?

or did i miss seeing ARNewsletters in the group files?
in advance, thanks and

73, Wade
http://www.qrz.com/db/k0mhp

If the reader of this message is not the intended recipient, or the agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited

1412. Re: [atlas_radio] Atlas 180 dial update

Yahoo group: atlas_radio
Date: 2016-04-05 07:59:16 UTC
From: g4fph@...
Topic: 1389 Message: 1412

Bill,

From the limited testing of my 180 so far, it didn't ever seemed to stop drifting when on 40 metres but, I doubt that is really the case. I must power it up again and see.

If I decide to use it on batteries out in the field I will probably change the voltage regulator, as that's known to be a poor performer when the input voltage to the radio is not a solid 13+. There are some 3-terminal, 10-Volt, low-dropout types that peform much better.

Regards,

Mark.

1413. Re: [atlas_radio] Atlas 180 dial update

Yahoo group: atlas_radio
Date: 2016-04-05 11:23:39 UTC
From: Bill Cromwell
Topic: 1389 Message: 1413

On 04/05/2016 03:59 AM, g4fph@... [atlas_radio] wrote:
>
> Bill,
>
> From the limited testing of my 180 so far, it didn't ever seemed to
> stop drifting when on 40 metres but, I doubt that is really the case.
> I must power it up again and see.
>
> If I decide to use it on batteries out in the field I will probably
> change the voltage regulator, as that's known to be a poor performer
> when the input voltage to the radio is not a solid 13+. There are some
> 3-terminal, 10-Volt, low-dropout types that peform much better.
>
> Regards,
>
> Mark.
>
>

1414. Re: [atlas_radio] Atlas 180 dial update

Yahoo group: atlas_radio
Date: 2016-04-05 12:09:07 UTC
From: Bill Cromwell
Topic: 1389 Message: 1414

Oooops,

I bumped the wrong thing and sent an empty reply. Most of my first cup of coffee is still in the coffee stein.

A couple of things...

It took less than 5 minutes for my 180 to settle down and stop drifting. I didn't measure the total drift but around about 1 kc. The SSB utility at 80 meters didn't drift 'out of sight' but became unintelligible. I haven't looked for drift on other bands but I haven't noticed any while actually using it to receive on any of the other bands. My definition of drift is loss of intelligibility. SSB is the most critical. I do not like "Donald Duck" voices and I don't get those after the less-than five minute warmup. When I am focused on playing with the 180 the mode is CW and I use some very narrow DSP audio filters. The incoming signal does not drift out of the external filter passband at less than 100 Hz. I have my 180 on in the background while I am doing other things in the shop.

Have you checked for drift on the other bands? There are some parts in the VFO that are specific to each band as well as some that are common. A part on 40 meters may have aged out of spec. If you have that continuous drift on all the bands it would be something common to all of the bands and could be the transistor. The voltage regulator is also suspect and you are looking there already. Bandswitch contacts can cause the same problems.

Finally, some hams have become accustomed to 'stability' in the low millihertz range (or less). The VFO in the 180 is 70s technology and is free running. There is going to be *some* drift and wandering around if your laboratory grade instruments are taking the measurements at that level. For practical ham radio purposes if the VFO doesn't drift out of the passband or worse..drift on top of another QSO in progress.. there "isn't any drift". We are not running a NIST lab and our callsign is not WWV.

I once had a Hammarlund 145 with a full compliment of vacuum tubes and that miserable thing drifted terribly. I substituted a 6C4 valve for the 6C4 vacuum tube that came with the radio and the drift vanished - except for a 20 minute warmup period. Apparently, valves are superior to tubes. Transistors are capable of the same sort of thing. I was able to use that radio in military affiliate traffic nets. I have also used the Atlas 180 in the same nets. That was 'once upon a time'. I am no longer affiliated with those.

I have some new software and I am approaching the dial scale project again. Meanwhile I am using the 210 scale I downloaded from the Files

section and doing the math in my head on-the-fly. With any kind of scale the frequency setting is 'repeatable'. I have several ancient radios and some bench gear here that use "logging" scales and have tuning charts. They work exactly the same way as any other frequency readout - just different. We get a little mental exercise along the way instead of doing what some computer trains us to do (and it isn't much). In all cases the process is 'transferring a standard'.

Good luck with your drift issue. I have been running my 180 on a small lead-acid battery down to between 10 and 11 volts with no problems. Maybe a previous owner already changed that regulator.

73,

Bill KU8H

On 04/05/2016 03:59 AM, g4fph@... [atlas_radio] wrote:
>
> Bill,
>
> From the limited testing of my 180 so far, it didn't ever seemed to
> stop drifting when on 40 metres but, I doubt that is really the case.
> I must power it up again and see.
>
> If I decide to use it on batteries out in the field I will probably
> change the voltage regulator, as that's known to be a poor performer
> when the input voltage to the radio is not a solid 13+. There are some
> 3-terminal, 10-Volt, low-dropout types that peform much better.
>
> Regards,
>
> Mark.
>
>

1415. 210x, improving sensitivity?

Yahoo group: atlas_radio
Date: 2016-04-13 23:25:03 UTC
From: marta_kson@...
Topic: 1415 Message: 1415

The receiver sensitivity is a little bit poor in the Atlas radios and I have seen some articles describing modifications to improve it. F,ex, there is one in CQDL dating back to oct. 85 with a description of adding an amplifier after the first ring mixer.

Those articles are old and semiconductors has evolved since then. Therefore I'm looking for something similair utilizing todays components that can give even better performance, but with no luck.

Have any of You out there any suggestions about up to date and really good receiver upgrades?
A complete replacement of the PC100 card would be really nice, but even modifications. Today using SMT quite a nice RF preamp or first IF could be realized. Even suggestions for replacement mixing diodes are appreciated. There must be better stuff than BAT-85 available today,

1416. Re: [atlas_radio] 210x, improving sensitivity?

Yahoo group: atlas_radio
Date: 2016-04-14 02:15:19 UTC
From: Clint
Topic: 1415 Message: 1416

The factory spec of 0.5 uv (or 0.4 uv depending upon the user manual) for sensitivity is all that you really need – probably even less today because of the high atmospheric noise on the 80/40/20 meter bands. The sensitivity can sometimes be improved a little by replacing the 1N4148 mixer diodes with 1N5711 units. However, I have seen some upgrades where the sensitivity was not improved. The key is to having matched diodes. That is big help is getting the very best TX carrier balance.

Adding an amp after the mixer diodes is not going to help. The sensitivity will not change very much and you will degrade the strong signaling handling characteristics of the receiver. A 10 db amp in front of the mixer will improve the sensitivity, but the strong signal handling will be degraded.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Wednesday, April 13, 2016 4:25 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] 210x, improving sensitivity?

The receiver sensitivity is a little bit poor in the Atlas radios and I have seen some articles describing modifications to improve it. F,ex, there is one in CQDL dating back to oct. 85 with a description of adding an amplifier after the first ring mixer.

Those articles are old and semiconductors has evolved since then. Therefore I'm looking for something similair utilizing todays components that can give even better performance, but with no luck.

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1417. RE: [atlas_radio] 210x, improving sensitivity?

Yahoo group: atlas_radio
Date: 2016-04-14 03:00:30 UTC
From: MIKE DURKIN
Topic: 1415 Message: 1417

replace the diodes in the first mixer with matched set ....

I guess you could use a 10db or less, very low noise amp ....

But if you have a sensitivity issue ... fix that first.

If you have an issue with local noise ... use a Rx loop ... or build a Tx loop like a Helical loaded loop for size (160M etc ...)

To: atlas_radio@yahoogroups.com
From: atlas_radio@yahoogroups.com
Date: Wed, 13 Apr 2016 16:25:03 -0700
Subject: [atlas_radio] 210x, improving sensitivity?

The receiver sensitivity is a little bit poor in the Atlas radios and I have seen some articles describing modifications to improve it. F,ex, there is one in CQDL dating back to oct. 85 with a description of adding an amplifier after the first ring mixer.

Those articles are old and semiconductors has evolved since then. Therefore I'm looking for something similair utilizing todays components that can give even better performance, but with no luck.

Have any of You out there any suggestions about up to date and really good receiver upgrades?
A complete replacement of the PC100 card would be really nice, but even modifications. Today using SMT quite a nice RF preamp or first IF could be realized. Even suggestions for replacement mixing diodes are appreciated. There must be better stuff than BAT-85 available today,

1418. RE: [atlas_radio] 210x, improving sensitivity?

Yahoo group: atlas_radio
Date: 2016-04-14 13:09:22 UTC
From: marta_kson@...
Topic: 1415 Message: 1418

The 4148's are already replaced with a set of matched HP diodes, but that was done back in the early -80's and things has evolved since then. Mixer diodes must have improved in 35 years so the question is what Agilent/Keysight part# will be the best replacement today? Or maybe some kind of active mixer module is even better?

On 20/17/15 meters a preamp will certainly differ. My 210 has tha PA0FRI mod of 17 instead of 10m. I hear almost no difference if the antenna is in or out at those bands. On 80/40 meters it's impossible to improve sensitivity at my home location, but maybe portable it can be done. Small antennas, but far from all kinds of power linte networking and other digital radio fog.

You are probably right that a RF preamp is better than an improved first IF. But DARC and their CQ DL has always been a respected publication. I lack modern day articles about improving on those or similar radios. In special real measurements confirming that the solutions really works.

If my radio has a sensitivity issue or not is hard to tell. I can just do simple A/B tests by tuning to the same stations and flip a switch between the Atlas and a HW-101. The Heathkit is quite a lot better at both 20 and 15m. On that I can also hear the noise increase when antenna is in on the high bands.

1419. Re: [atlas_radio] 210x, improving sensitivity?

Yahoo group: atlas_radio
Date: 2016-04-14 17:48:57 UTC
From: Bill Cromwell
Topic: 1415 Message: 1419

Hi,

I have a 180 and not a 210. The band coverage is different and the 180 covers 160 through 20 meters. It has more or less the same front end as the others. So I come from a slightly different perspective. I have had 210 radios in front of me and they were no slouches on 10 and 15 meters.

I am very reluctant to place any kind of RF (pre)amp ahead of my 180. I value the robust performance of that DBM diode ring up front. The natural, galactic noise is higher on the lower frequency bands and my experience is that even in remote areas you will hear the noise come up on those bands. Maybe that is not true on bands higher than 14.3 mc.

It is your radio and you should do with it whatever you please. You might reduce the resale value by making mods (I would decline to buy a modded Atlas) but that may not be important to you. If you do decide to add a preamp in the front end there are a couple of things I would recommend. First is setup the preamp with 'fixed' gain - that is - no RF gain control. Set it up for the best noise performance and leave it there. If you fuss around with a gain control on that amp you will be moving away from it's best performance parameters and defeating it's purpose. Then add a decent step attenuator in front of it and control the level with that.

I have a Kenwood R-599 and the front end preamp is pretty hot. However, it is very easily overloaded. It has the step attenuator built in and I almost always have some attenuation cranked in..sometimes a lot of attenuation. It seems counterintuitive to crank in more attenuation to make the weakest signals audible but that is in fact what happens with a preamp like that.

Best of luck to you with your project.

73,

Bill KU8H

On 04/14/2016 09:09 AM, marta_kson@... [atlas_radio] wrote:
>
> The 4148's are already replaced with a set of matched HP diodes, but
> that was done back in the early -80's and things has evolved since
> then. Mixer diodes must have improved in 35 years so the question is
> what Agilent/Keysight part# will be the best replacement today? Or
> maybe some kind of active mixer module is even better?
>
> On 20/17/15 meters a preamp will certainly differ. My 210 has tha
> PA0FRI mod of 17 instead of 10m. I hear almost no difference if the

> antenna is in or out at those bands. On 80/40 meters it's impossible
> to improve sensitivity at my home location, but maybe portable it can
> be done. Small antennas, but far from all kinds of power linte
> networking and other digital radio fog.
>
> You are probably right that a RF preamp is better than an improved
> first IF. But DARC and their CQ DL has always been a respected
> publication. I lack modern day articles about improving on those or
> similar radios. In special real measurements confirming that the
> solutions really works.
>
> If my radio has a sensitivity issue or not is hard to tell. I can just
> do simple A/B tests by tuning to the same stations and flip a switch
> between the Atlas and a HW-101. The Heathkit is quite a lot better at
> both 20 and 15m. On that I can also hear the noise increase when
> antenna is in on the high bands.
>
>

1420. Re: [atlas_radio] 210x, improving sensitivity?

Yahoo group: atlas_radio
Date: 2016-04-14 19:25:44 UTC
From: jtelrbrewer@...
Topic: 1415 Message: 1420

I totaly agree with Bill on the issue. Maybe your radio needs some tuning up or whatever. I have every model of the Atlas radios including the 400X and I see no problems with the sensitivity on any of them. I compare them with my Icom 7700 which is one great radio when it comes to sensitivity. The Atlas rigs are very close to the Icom in recieve mode. I see NO difference. I have compared them many times with all models. Jack
WA3VZK

1421. Re: [atlas_radio] 210x, improving sensitivity?

Yahoo group: atlas_radio
Date: 2016-04-14 22:21:19 UTC
From: Clint
Topic: 1415 Message: 1421

Recommend that you accurately measure the RX sensitivity on each band to see if you have a problem. On the 210Xs, the sensitivity on the 10M band is going to be slightly worse than 80M/40M. I have found that the sensitivity on the 20M is always worse than the 40M and 15M band because of the design of the image/IF trap filters and the higher than normal loss in RX band-pass filter. The 210X LE radios (and some of the later 210Xs) do have a factory design flaw. The IF trap/image filters used the wrong number of turns on the coils, so they cannot be tuned to the correct frequencies. Thus on some bands, the sensitivity is degraded a couple of db. On my factory 210X LE units, the RX sensitivity is about 1 uv until I redid the coils with the correct number of turns.

Not much has changed in the area of hot carrier diodes in the last 40 years. I am not aware of any recent diodes that have a lower turn-on voltage than the 1N5711. For best sensitivity, you want a balanced mixer with the lowest conversion loss. The Mini Circuits ADE-1 mixers have some of the lower conversion losses of any available mixer (or discrete diodes).

An active mixer will provide better sensitivity, but the 3rd order IMD spec is going to greatly suffer. I think that you will also have issues in getting the active mixer to work OK in the TX mode.

The HW-101 should have a better RX sensitivity than the 210X – the HW-101 uses an active mixer and has a RF amp on the front end.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Thursday, April 14, 2016 6:09 AM
To: atlas_radio@yahoogroups.com
Subject: RE: [atlas_radio] 210x, improving sensitivity?

The 4148's are already replaced with a set of matched HP diodes, but that was done back in the early -80's and things has evolved since then. Mixer diodes must have improved in 35 years so the question is what Agilent/Keysight part# will be the best replacement today? Or maybe some kind of active mixer module is even better?

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If my radio has a sensitivity issue or not is hard to tell. I can just do simple A/B tests by tuning to the same stations and flip a switch between the Atlas and a HW-101. The Heathkit is quite a lot better at both 20 and 15m. On that I can also hear the noise increase when antenna is in on the high bands.

1422. Re: 210x, improving sensitivity?

Yahoo group: atlas_radio
Date: 2016-04-15 01:04:40 UTC
From: bob.fleming@...
Topic: 1415 Message: 1422

Received my first 210X the other day and I am quite impressed with it. I still need to clear off a place on the work bench to test it and measure performance but it does work and seems usable as is. Sometimes ebay deals are OK. The IF filter seems a bit wide and lets a lot of noise in with the narrower signals. I am used to the 2.8 INRAD filters on my TS940 which have a very close form factor to what is claimed by Atlas so there may be a filter issue. There seems to be a tradition of transmitting with a filter that is narrower than needed. When a signal is not wide enough to fill your receiver's bandwidth there will be extra noise. A switch selectable slightly narrower filter is high on my wish list. I am addicted to knobs and switches, perhaps the Atlas will be good therapy for that affliction.
Due to the atmospheric and man made noise I would think extra gain above the original design won't help much. If there is not an IF filter band-pass issue like mine might have a lower noise substitute for the 2N3866 Q101 first IF transistor might help. I just started looking at that and have not found the right transistor yet. The fact that needs to have extreme dynamic range and is used in transmit complicates things.
Hope someone here has already figured that out.
Noticed that the HP matched quad of 1N5711 are available cheap on ebay right now:
http://www.ebay.com/itm/251457550423?_trksid=p2057872.m2749.l2649&ssPageName=STRK%3AMEBIDX%3AIT http://www.ebay.com/itm/251457550423?_trksid=p2057872.m2749.l2649&ssPageName=STRK%3AMEBIDX%3AIT
Bought some, hope they are not fake.
Found an interesting site where someone added a lot of extra gain to the Atlas front end.
Atlas215x post mixer amp https://pa0fri.home.xs4all.nl/Mods/Atlas215%20post%20mixer%20amp/Atlas215x%20post%20mixer%20amp.htm

I think I would borrow or buy an amplified pre-selector like the Ameco PT-2 or 3 to experiment with gain before I got too wrapped up in reinventing the transceiver.

Question:
Is the issue that they can hear you just fine but you can barely copy them?

Bob N5TX

1423. Re: Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-04-15 11:34:12 UTC
From: g4fph@...
Topic: 1389 Message: 1423

Bill,

I finally got around to taking a look at my Atlas-180 last weekend.

I fitted a couple of knobs to smarten up the front panel.

I was prepared to spend a long time looking for the TX distortion problem that I had noticed previously. Turned out it was just down to there being no bias on the PA! A quick twiddle of the bias pot and it sounded pretty good in the shack. I tied it on a regular 160 metre band net and got great reports. I did notice that the TX carrier suppression varied, intermittently, from about -40 dB to something much better. I think that's down to a worn out balance pot, so an easy fix in prospect there too.

The VFO was amazingly stable when working on 160, so perhaps there is just a gremlin affecting 40. We shall see.

Looks like my 180 AGC circuitry has had one of the Atlas-suggested mods. to improve performance. It was still struggling with the loud signals on 160 though. It will be a good candidate for trying the PA0FRI, full-wave rectification mod. when I get some more time.

Regards,

Mark.

1424. Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-28 22:20:11 UTC
From: jcocking95070@...
Topic: 1424 Message: 1424

My 210x died today. It worked this morning and I was able to check in on 40m. This afternoon, I turned it on, turned down the AF gain, had a sip of brew and when I turned the gain back up, nothing. No signal, no output, no rf noise, nada. The local oscillator is functioning (digital display tracks) but the rest seems dead as stick. Perhaps the mixer board. I really have no facility for repair and we were hammered by the tax man so replacement with a modern rig is remote. I need suggestions or perhaps a Good Samaritan to do the repair. Thanks and 73, John K2CQW

1425. Re: [atlas_radio] Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-28 22:24:42 UTC
From: William Laakkonen
Topic: 1424 Message: 1425

did the counter plug come looses from the socket?

73
N4BKT

On Thu, Apr 28, 2016 at 6:20 PM, jcocking95070@... [atlas_radio] <
atlas_radio@yahoogroups.com> wrote:

>
>
> My 210x died today. It worked this morning and I was able to check in on
> 40m. This afternoon, I turned it on, turned down the AF gain, had a sip of
> brew and when I turned the gain back up, nothing. No signal, no output, no
> rf noise, nada. The local oscillator is functioning (digital display
> tracks) but the rest seems dead as stick. Perhaps the mixer board. I really
> have no facility for repair and we were hammered by the tax man so
> replacement with a modern rig is remote. I need suggestions or perhaps a
> Good Samaritan to do the repair. Thanks and 73, John K2CQW
>
>

1426. Re: [atlas_radio] Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-28 22:44:15 UTC
From: John Cocking
Topic: 1424 Message: 1426

No, as I said the is working indicating to me that the LORD is working

BCNU, K2CQW, John C

From:"William Laakkonen worldradiolabs@... [atlas_radio]" <atlas_radio@yahoogroups.com>
Date:Thu, Apr 28, 2016 at 6:24 PM
Subject:Re: [atlas_radio] Atlas 210x deceased

did the counter plug come looses from the socket?

73

N4BKT

On Thu, Apr 28, 2016 at 6:20 PM, jcocking95070@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:

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1427. Re: [atlas_radio] Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-28 22:59:02 UTC
From: jcocking95070@...
Topic: 1424 Message: 1427

What I meant was Local Oscillator and the plug was well seated. I hate autocomplete

1428. Re: [atlas_radio] Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-29 00:45:22 UTC
From: Bill Cromwell
Topic: 1424 Message: 1428

Hi John,

Do headphones work if you plug those in?

73,

Bill KU8H

On 04/28/2016 06:20 PM, jcocking95070@... [atlas_radio] wrote:
>
> My 210x died today. It worked this morning and I was able to check in
> on 40m. This afternoon, I turned it on, turned down the AF gain, had a
> sip of brew and when I turned the gain back up, nothing. No signal, no
> output, no rf noise, nada. The local oscillator is functioning
> (digital display tracks) but the rest seems dead as stick. Perhaps the
> mixer board. I really have no facility for repair and we were hammered
> by the tax man so replacement with a modern rig is remote. I need
> suggestions or perhaps a Good Samaritan to do the repair. Thanks and
> 73, John K2CQW
>
>

--
"Intelligence from the internet is unreliable because we cannot verify it's accuracy nor the author's credentials."

- Julius Caesar

1429. Re: [atlas_radio] Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-29 02:13:56 UTC
From: Jim Strohm
Topic: 1424 Message: 1429

Clean and reseat all the connectors and all the circuit boards, and try again.

If it doesn't come back up, clean and reseat all the ICs. Know that the Atlas IC sockets need to all be replaced with machine-pin sockets, but that comes later.

Do you have somebody locally with a similar vintage/serial number Atlas who can do board swaps with you? That may help localize the point of failure.

73
Jim N6OTQ

On Thu, Apr 28, 2016 at 7:45 PM, Bill Cromwell wrcromwell@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

> Hi John,
>
> Do headphones work if you plug those in?
>
> 73,
>
> Bill KU8H
>
> On 04/28/2016 06:20 PM, jcocking95070@... [atlas_radio] wrote:
> >
> > My 210x died today. It worked this morning and I was able to check in
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> > sip of brew and when I turned the gain back up, nothing. No signal, no
> > output, no rf noise, nada. The local oscillator is functioning
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> > by the tax man so replacement with a modern rig is remote. I need
> > suggestions or perhaps a Good Samaritan to do the repair. Thanks and
> > 73, John K2CQW
> >
> >
>

1430. Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-29 12:27:52 UTC
From: bob.fleming@...
Topic: 1424 Message: 1430

Does the meter move as if it was receiving something, even just normal noise?

1431. Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-29 12:51:32 UTC
From: jcocking95070@...
Topic: 1424 Message: 1431

Thanks Jim, I will implement your suggestions.

1432. Re: [atlas_radio] Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-29 12:49:43 UTC
From: jcocking95070@...
Topic: 1424 Message: 1432

Not the issue, No s meter movement, no audio (just hum) no output

1433. Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-29 12:50:25 UTC
From: jcocking95070@...
Topic: 1424 Message: 1433

No s meter movement

1434. Re: [atlas_radio] Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-29 16:01:18 UTC
From: MIKE DURKIN
Topic: 1424 Message: 1434

with the radio facing you .... far right board with the relay on it ....

Tap on the relay some what lightly .... anything from the meter/speaker ?

i sapose the calibrator is not heard on another radio when its close (case off)

Id start with seeing if there is a signal from the VFO and the main oscillator (its around 5.45Khz if i remember right) ...

Heck its been so long since i looked at a 210 schematic .....

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of jcocking95070@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Friday, April 29, 2016 5:50 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: Atlas 210x deceased

No s meter movement

1435. Re: [atlas_radio] Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-29 16:40:14 UTC
From: MIKE DURKIN
Topic: 1424 Message: 1435

opss .. typo, 5.45Mhz .... but anyways, practically any 1995 O-scope should see a trace ....

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of MIKE DURKIN Patriot121@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Friday, April 29, 2016 9:01 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Re: Atlas 210x deceased

with the radio facing you .... far right board with the relay on it ....

Tap on the relay some what lightly .... anything from the meter/speaker ?

i sapose the calibrator is not heard on another radio when its close (case off)

Id start with seeing if there is a signal from the VFO and the main oscillator (its around 5.45Khz if i remember right) ...

Heck its been so long since i looked at a 210 schematic .....

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of jcocking95070@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Friday, April 29, 2016 5:50 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: Atlas 210x deceased

No s meter movement

1436. Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-29 23:36:03 UTC
From: ps7pc@...
Topic: 1424 Message: 1436

My Atlas 210x recently stopped receiving and transmitting on all bands . There was the presence of audio but no RF . In my case , the problem was with the integrated FI MC1350 . Once replaced , the unit returned to normal operation . Carl, PS7PC

1437. Re: [atlas_radio] Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-30 01:25:20 UTC
From: patriot121@msn.com
Topic: 1424 Message: 1437

Weird ... I can only see the first 5 words of this message ...

Sent from Outlook Mobile<https://aka.ms/blhgte>

On Fri, Apr 29, 2016 at 4:51 PM -0700, "ps7pc@... [atlas_radio]" <atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>> wrote:

My Atlas 210x recently stopped receiving and transmitting on all bands . There was the presence of audio but no RF . In my case , the problem was with the integrated FI MC1350 . Once replaced , the unit returned to normal operation .

Carl, PS7PC

1438. Re: [atlas_radio] Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-30 06:27:34 UTC
From: KØMHP
Topic: 1424 Message: 1438

Carl's message was fine on my browser.... so try reding it now..... i cut and pasted it in..below without the built in formatting... just sending the text..... see if you have more than FIVE WORDS now....

From: "'patriot121@...' Patriot121@... [atlas_radio]" <atlas_radio@yahoogroups.com>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Friday, April 29, 2016 8:25 PM
Subject: Re: [atlas_radio] Re: Atlas 210x deceased

On Fri, Apr 29, 2016 at 4:51 PM -0700, "ps7pc@...
[atlas_radio]"<atlas_radio@yahoogroups.com> wrote:My Atlas 210x recently stopped receiving andtransmitting on all bands . There was the presence of audio but no RF . In mycase , the problem was with the integrated FI MC1350 . Once replaced , the unitreturned to normal operation ---------- END OF PASTED IN ----------

73, Wade
http://www.qrz.com/db/k0mhp
SWAN Rule no. 4: Proven. ©
If the reader of this message is not the intended recipient, or the agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited

From: "'patriot121@...' Patriot121@... [atlas_radio]" <atlas_radio@yahoogroups.com>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Friday, April 29, 2016 8:25 PM
Subject: Re: [atlas_radio] Re: Atlas 210x deceased

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1439. Re: [atlas_radio] Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-30 21:13:10 UTC
From: MIKE DURKIN
Topic: 1424 Message: 1439

thanks ....

the mc1350 and mc1349, still not sure which one is better really ...

From: atlas_radio@...m <atlas_radio@yahoogroups.com> on behalf of KØMHP k0mhp@...
[atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Friday, April 29, 2016 11:27 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Re: Atlas 210x deceased

Carl's message was fine on my browser.... so try reding it now..... i cut and pasted it in..below without the built in formatting... just sending the text..... see if you have more than FIVE WORDS now....

From: "'patriot121@...' Patriot121@... [atlas_radio]" <atlas_radio@yahoogroups.com>
To: "atlas_radio@yahoogroups.com" <atlas_radio@...m>
Sent: Friday, April 29, 2016 8:25 PM
Subject: Re: [atlas_radio] Re: Atlas 210x deceased

On Fri, Apr 29, 2016 at 4:51 PM -0700, "ps7pc@... [atlas_radio]"
<atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>> wrote:
My Atlas 210x recently stopped receiving and transmitting on all bands . There was the presence of audio but no RF . In my case , the problem was with the integrated FI MC1350 . Once replaced , the unit returned to normal operation
---------- END OF PASTED IN ----------

73, Wade
http://www.qrz.com/db/k0mhp
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If the reader of this message is not the intended recipient, or the agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited

---
From: "'patriot121@...' Patriot121@... [atlas_radio]" <atlas_radio@yahoogroups.com>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Friday, April 29, 2016 8:25 PM
Subject: Re: [atlas_radio] Re: Atlas 210x deceased

Weird ... I can only see the first 5 words of this message ...
Sent from Outlook Mobile<https://aka.ms/blhgte>

On Fri, Apr 29, 2016 at 4:51 PM -0700, "ps7pc@... [atlas_radio]"
<atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>> wrote:

My Atlas 210x recently stopped receiving and transmitting on all bands . There was the presence of audio but no RF . In my case , the problem was with the integrated FI MC1350 . Once replaced , the unit returned to normal operation .

Carl, PS7PC

1440. Re: Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-05-01 14:40:08 UTC
From: Vic
Topic: 1389 Message: 1440

1b

Hi Clint,

I cannot see these on the group files anywheer. Can you point me in the right direction please. I would like to download the dial just in case my drum should fall apart and tewar the original dial scale.

Thanks !

73 Vic GW4JUN

Clint said>>>>>

<https://groups.yahoo.com/neo/groups/atlas_radio/conversations/topics/1390;_ylc=X3oDMTJxN3AwajkwBF9TAzk3MzU5NzE1BGdycElkAzM5Mzg4MjYEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzEzOTAEc2VjA2Rtc2cEc2xrA3Ztc2cEc3RpbWUDMTQ1ODQ2MzcwNQ--> Re: Atlas 180 project

Sat Mar 19, 2016 11:15 am (PDT) . Posted by:

<mailto:kiheiman@...?subject=Re%3A%20Atlas%20180%20project> "kiheiman" kiheiman_98

There are dial scales on the Atlas forum that can be printed out.

73
Clint
W7KEC

1441. Re: [atlas_radio] Re: Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-05-01 14:48:16 UTC
From: Clint
Topic: 1389 Message: 1441

Go to the Files section of either Atlas forum.

Under Atlas_Radio, look for “ZL1UJG R&D”. There are two dial files in this section.

Under ATLAS210X-215X, look for “Information from ZL1UJG”. There are two dial files in this section.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Sunday, May 1, 2016 7:40 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: Atlas 180 project

1b
Hi Clint,I cannot see these on the group files anywheer. Can you point me in the right direction please. I would like to download the dial just in case my drum should fall apart and tewar the original dial scale.
Thanks !
73 Vic GW4JUN
Clint said>>>>>
Re: Atlas 180 project
Sat Mar 19, 2016 11:15 am (PDT) . Posted by: "kiheiman" kiheiman_98 There are dial scales on the Atlas forum that can be printed out.

73
Clint
W7KEC

1442. Re: Atlas 180 project

Yahoo group: atlas_radio
Date: 2016-05-02 11:17:56 UTC
From: Vic
Topic: 1389 Message: 1442

Hi Clint,

Thanks for that !

I have downloaded the files, though they are for the 210x and my 215x is different as it covers 160m. However, I might be able to tweak them in photoshop or something.

Anyone know if there is a corresponding diagram for the 215x anywhere ?

73

Vic GW4JUN

Go to the Files section of either Atlas forum.

Under Atlas_Radio, look for "ZL1UJG R&D". There are two dial files in this section.

Under ATLAS210X-215X, look for "Information from ZL1UJG". There are two dial files in this section.

73
Clint
W7KEC

1443. Re: [atlas_radio] Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-05-02 15:19:39 UTC
From: John Cocking
Topic: 1424 Message: 1443

No BCNU, John Cocking, K2CQW

On Saturday, April 30, 2016 5:13 PM, "MIKE DURKIN Patriot121@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

thanks ....

the mc1350 and mc1349, still not sure which one is better really ...

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of KØMHP k0mhp@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Friday, April 29, 2016 11:27 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Re: Atlas 210x deceased Carl's message was fine on my browser.... so try reding it now..... i cut and pasted it in..below without the built in formatting... just sending the text..... see if you have more than FIVE WORDS now....

From: "'patriot121@...' Patriot121@... [atlas_radio]" <atlas_radio@yahoogroups.com>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Friday, April 29, 2016 8:25 PM
Subject: Re: [atlas_radio] Re: Atlas 210x deceased

On Fri, Apr 29, 2016 at 4:51 PM -0700, "ps7pc@yahoo.com.br [atlas_radio]"<atlas_radio@yahoogroups.com> wrote:My Atlas 210x recently stopped receiving and transmitting on all bands . There was the presence of audio but no RF . In my case , the problem was with the integrated FI MC1350 . Once replaced , the unit returned to normal operation ---------- END OF PASTED IN ----------

73, Wade
http://www.qrz.com/db/k0mhp
SWAN Rule no. 4: Proven. ©
If the reader of this message is not the intended recipient, or the agent responsible for delivering this message to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited

From: "'patriot121@...' Patriot121@... [atlas_radio]" <atlas_radio@yahoogroups.com>
To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com>
Sent: Friday, April 29, 2016 8:25 PM
Subject: Re: [atlas_radio] Re: Atlas 210x deceased

Weird ... I can only see the first 5 words of this message ...Sent fromOutlook Mobile

On Fri, Apr 29, 2016 at 4:51 PM -0700, "ps7pc@... [atlas_radio]"<atlas_radio@yahoogroups.com> wrote:

My Atlas 210x recently stopped receiving and transmitting on all bands . There was the presence of audio but no RF . In my case , the problem was with the integrated FI MC1350 . Once replaced , the unit returned to normal operation .Carl, PS7PC

1444. Project Update - 210X/215X Si570 VFO

Yahoo group: atlas_radio
Date: 2016-05-07 13:09:37 UTC
From: kiheiman@...
Topic: 1444 Message: 1444

I have reached the point when I can install the Si570 VFO inside my 210X LE radio. I will be removing the existing AD9951 VFO. I have added a MMIC GALI-6 amp inside the VFO enclosure. Additional gain was not needed, but the raw output of the Si570 (Si570 chip to coupling cap to 4:1 transformer) was creating a number of undesired mixing products on pin 4 of the PC-120 board. The RX mixer now sees a constant 50 ohm load on all bands. The birdie count is very low on all bands - only slightly greater than a factory VFO and much lower than my AD9951 VFO. Stay tuned for future updates.

73
Clint
W7KEC

1445. Re: [atlas_radio] Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-04-29 23:34:00 UTC
From: ps7pc@...
Topic: 1424 Message: 1445

My Atlas 210x recently stopped receiving and transmitting on all bands . There was the presence of audio but no RF . In my case , the problem was with the integrated FI MC1350 . Once replaced , the unit returned to normal operation . Carl, PS7PC

1446. Re: [atlas_radio] Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-05-10 16:48:59 UTC
From: MIKE DURKIN
Topic: 1424 Message: 1446

Again I can only see about the first 35 characters in an email from this service

Get Outlook for Android<https://aka.ms/ghei36>

On Tue, May 10, 2016 at 6:51 AM -0700, "ps7pc@... [atlas_radio]" <atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>> wrote:

My Atlas 210x recently stopped receiving and transmitting on all bands . There was the presence of audio but no RF . In my case , the problem was with the integrated FI MC1350 . Once replaced , the unit returned to normal operation .

Carl, PS7PC

1447. Re: [atlas_radio] Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-05-11 14:38:50 UTC
From: toledohamradio@...
Topic: 1424 Message: 1447

OT, but is there a way to get rid of the
"nag" screen from Chrome on Android phones?
Update sounds like loss of tabs and features.

RE: Atlas 210- is it worth changing
out the T/R relay just because of old age?

Also, where did you get he MC chip you replaced?
73
John

1448. Re: [atlas_radio] Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-05-11 15:23:27 UTC
From: MIKE DURKIN
Topic: 1424 Message: 1448

kits and parts used to have a bunch of mc1350's .... no one has the 1349's

I dont know of any source that has the 3pdt relays .... iv not successfully cobbled in spdt relays -- didn't try very hard ...

_____
From: atlas_radio@yahoogroups.com <atlas_radio@...m> on behalf of toledohamradio@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Wednesdakitsy, May 11, 2016 7:38 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Re: Atlas 210x deceased

OT, but is there a way to get rid of the

"nag" screen from Chrome on Android phones?

Update sounds like loss of tabs and features.

RE: Atlas 210- is it worth changing

out the T/R relay just because of old age?

Also, where did you get he MC chip you replaced?

73

John

1449. Re: [atlas_radio] Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-05-12 01:06:30 UTC
From: bob.fleming@...
Topic: 1424 Message: 1449

Just bought a few MC1349Ps from Parts and Kits. They list the MC1349 IF Amp but not the MC1350. 3 for $5. The 1349 is not a drop in replacement for the 1350 but the mod is very easy for an electronic tech. Pins 2 and 3 will need bypass circuits as shown in this spec sheet provided by Kits and Parts:
http://www.kitsandparts.com/MC1349.pdf http://www.kitsandparts.com/MC1349.pdf:
The 1349 has higher gain and it has a noise spec of 8.5db. The 1350 has no noise spec so we may assume it is higher. The 1350 can be found on ebay (check the vendors feedback for complaints of fake parts). the 1350 is probably the best part for us. The higher gain might cause self oscillation and the noise figure is usually more important for front end components, in the Atlas 210 and 215 that will be the first IF amp 2N3866. There is nothing wrong with better noise figures for any part and some day I plan to measure the difference in my 210.

Bob N5TX

1450. Re: [atlas_radio] Re: Atlas 210x deceased

Yahoo group: atlas_radio
Date: 2016-05-12 01:19:55 UTC
From: Bob Stewart
Topic: 1424 Message: 1450

Don't forget the NTE-746 which is a replacement for the MC1350P.

Bob

On Wed, 5/11/16, bob.fleming@usa.com [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

Subject: Re: [atlas_radio] Re: Atlas 210x deceased
To: atlas_radio@yahoogroups.com
Date: Wednesday, May 11, 2016, 8:06 PM

Just bought a few MC1349Ps from Parts and Kits.
They list the MC1349 IF Amp but not the MC1350. 3 for $5.
The 1349 is not a drop in replacement for the 1350 but the
mod is very easy for an electronic tech. Pins 2 and 3 will
need bypass circuits as shown in this spec sheet provided by
Kits and Parts:
 http://www.kitsandparts.com/MC1349.pdf:
 The 1349 has higher gain and it has a noise
spec of 8.5db. The 1350 has no noise spec so we may assume
it is higher. The 1350 can be found on ebay (check the
vendors feedback for complaints of fake parts). the 1350 is
probably the best part for us. The higher gain might cause
self oscillation and the noise figure is usually more
important for front end components, in the Atlas 210 and 215
that will be the first IF amp 2N3866. There is nothing wrong
with better noise figures for any part and some day I plan
to measure the difference in my 210.

Bob N5TX

1451. X lock VFO stabilizer

Yahoo group: atlas_radio
Date: 2016-05-20 15:24:22 UTC
From: martin smith
Topic: 1451 Message: 1451

Hi all,
My first post here. I have a 210X I want to use on nets, does anyone know if the x-lock VFO stabilizer is available anywhere? I went to the MFR website but the product is out of stock.
This 201X had a non functioning S meter and it turned out to be the IC 3086 on the audio board, the board right next to the speaker. I also had to clean the antenna relay contacts as receive intermittently sounded like the antenna got disconnected. I am getting distortion in the transmitter if I turn up the mic gain so I get 50 watts out on 10M, haven't fixed that one yet if anyone knows of what might cause that please let me know.
Thanks for any info.
Mike

1452. Re: [atlas_radio] X lock VFO stabilizer

Yahoo group: atlas_radio
Date: 2016-05-21 04:45:02 UTC
From: Kevin Luxford
Topic: 1451 Message: 1452

Hi Mike,

Go to http://www.cumbriadesigns.co.uk/x-lock.htm. I have used several of these with satisfactory results.

73

Kevin

VK3DAP / ZL2DAP

On 21/05/2016 1:24 AM, martin smith mike.56737@... [atlas_radio] wrote:
>
> Hi all,
> My first post here. I have a 210X I want to use on nets, does anyone
> know if the x-lock VFO stabilizer is available anywhere? I went to the
> MFR website but the product is out of stock.
> This 201X had a non functioning S meter and it turned out to be the IC
> 3086 on the audio board, the board right next to the speaker. I also
> had to clean the antenna relay contacts as receive intermittently
> sounded like the antenna got disconnected. I am getting distortion in
> the transmitter if I turn up the mic gain so I get 50 watts out on
> 10M, haven't fixed that one yet if anyone knows of what might cause
> that please let me know.
> Thanks for any info.
> Mike
>
>

1453. At;as 210X splatter on output

Yahoo group: atlas_radio
Date: 2016-05-26 16:51:30 UTC
From: martin smith
Topic: 1453 Message: 1453

Hi all,
I have an Atlas 210X that sounds distorted on the air on 10M. Using an SDR radio with panoramic view I can see splatter coming from the rig up and down the 10M band or at least 1 MHz of it. It gets worse as the power is turned up using the mic gain but I don't think it is flat topping. Anyone run into this?
Mike

1454. Re: [atlas_radio] At;as 210X splatter on output

Yahoo group: atlas_radio
Date: 2016-05-26 18:27:00 UTC
From: Bill Cromwell
Topic: 1453 Message: 1454

Hi Mike,

Are you saying the radio only has this problem on ten meters and not on the other bands?

73,

Bill KU8H

On 05/26/2016 12:51 PM, martin smith mike.56737@... [atlas_radio] wrote:
>
> Hi all,
> I have an Atlas 210X that sounds distorted on the air on 10M. Using an
> SDR radio with panoramic view I can see splatter coming from the rig
> up and down the 10M band or at least 1 MHz of it. It gets worse as the
> power is turned up using the mic gain but I don't think it is flat
> topping. Anyone run into this?
> Mike
>
>

--
"Intelligence from the internet is unreliable because we cannot verify it's accuracy nor the author's credentials."

- Julius Caesar

1455. Re: At;as 210X splatter on output

Yahoo group: atlas_radio
Date: 2016-05-27 09:24:35 UTC
From: Vic
Topic: 1453 Message: 1455

I had this problem once when using a 12v gell battery....when the battery voltage dropped the rf oputput got distorted.

Check your rig's HT is fully up to 13.8v. (or at least well above 12v).

These rigs can be rather temperamental especially the pa :-)

73,

Vic GW4JUN

>>>>>>>

Messages

1a

<https://groups.yahoo.com/neo/groups/atlas_radio/conversations/topics/1453;_ylc=X3oDMTJxZ2NmY2ZhBF9TAzk3MzU5NzE1BGdycElkAzM5Mzg4MjYEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzE0NTMEc2VjA2Rtc2cEc2xrA3Ztc2cEc3RpbWUDMTQ2NDMzOTMzNQ--> At;as 210X splatter on output

Thu May 26, 2016 10:14 am (PDT) . Posted by:

<mailto:mike.56737@...?subject=Re%3A%20At%3Bas%20210X%20splatter%20on%20output> "martin smith" ms45633

Hi all,
I have an Atlas 210X that sounds distorted on the air on 10M.

1456. Re: At;as 210X splatter on output

Yahoo group: atlas_radio
Date: 2016-05-27 09:58:37 UTC
From: 4z4rb1@...
Topic: 1453 Message: 1456

looks like the 0.7v on the bases of the output transistors ,dropped and you are no longer operating in class AB make sure the bias is ok

1457. Re: [atlas_radio] At;as 210X splatter on output

Yahoo group: atlas_radio
Date: 2016-05-26 21:25:59 UTC
From: martin smith
Topic: 1453 Message: 1457

Hi Bill,
No, I haven't actually tried the 210X on other bands yet. I read last night that some other old rig has audio distortion problems because of solder migration between the gold pins of the transistor and the solder causing a bad connection. I think that is the term they used to describe it. Resoldering the transistors was the cure in that case. I have an Atlas 215X that sounds great but doesn't work on 10M.
73,
Mike

On May 26, 2016, at 11:27 AM, Bill Cromwell wrcromwell@... [atlas_radio] wrote:

Hi Mike,

Are you saying the radio only has this problem on ten meters and not on
the other bands?

73,

Bill KU8H

On 05/26/2016 12:51 PM, martin smith mike.56737@... [atlas_radio]
wrote:
>
> Hi all,
> I have an Atlas 210X that sounds distorted on the air on 10M. Using an
> SDR radio with panoramic view I can see splatter coming from the rig
> up and down the 10M band or at least 1 MHz of it. It gets worse as the
> power is turned up using the mic gain but I don't think it is flat
> topping. Anyone run into this?
> Mike
>
>

--
"Intelligence from the internet is unreliable because we cannot verify it's accuracy nor the author's credentials."

- Julius Caesar

Yahoo Groups Links

1458. Re: [atlas_radio] Re: At;as 210X splatter on output

Yahoo group: atlas_radio
Date: 2016-05-27 15:22:10 UTC
From: martin smith
Topic: 1453 Message: 1458

Thanks, I will look at that! I have also tried two power supplies, get splatter with both though both could be bad.

On May 27, 2016, at 2:58 AM, 4z4rb1@... [atlas_radio] wrote:

looks like the 0.7v on the bases of the output transistors ,dropped

and you are no longer operating in class AB make sure the bias is ok

1459. Atlas 210x engineering suppliment

Yahoo group: atlas_radio
Date: 2016-05-30 02:38:40 UTC
From: n5tti@...
Topic: 1459 Message: 1459

Good day all,
Have a question about the redesigned rx bandpass filters on p104
looking at the component layout I see variable caps on 80 and 40 meter
but, on p107 and p109 I see no mention of using a variable capacitor.
Are they needed? if so what value?
I've implemented some of the changes in the manual, and man has it made an improvement!
Thanks!!
Tom
N5TTI

1460. Re: [atlas_radio] Atlas 210x engineering suppliment

Yahoo group: atlas_radio
Date: 2016-05-30 03:36:45 UTC
From: Clint
Topic: 1459 Message: 1460

Hi Tom,

Glad the mods worked out good for you. The 80M and 40M filters have 5645 KHz IF trap filters on their outputs. The value of the variable cap is not critical. You want something that has a wide range such as 3 – 60 pf, 10 to 80 pf, etc. The variable cap is used to get the very best null response at 5645 KHz. Dan’s Small Parts has a number of small variable caps that would work. I bought his cap kits that included a number of different values. The best way to test the filter is to initially leave out the variable cap. Feed the filter with a tracking generator. From the response, you will be able to see if the the IF Trap needs less capacitance or more. If you use 2300 pf silver mica caps with 5% tolerance, then the cap could have a range of 2185 pf to 2415 pf. Unfortunately, I only built a single filter, so I am not sure what typical value would be needed for these caps. The variable cap could actually be left out of the circuit and you could adjust the tuning by spreading the turns on the toroid.

Hope that helps.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Sunday, May 29, 2016 7:38 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Atlas 210x engineering suppliment

Good day all,

Have a question about the redesigned rx bandpass filters on p104

looking at the component layout I see variable caps on 80 and 40 meter

but, on p107 and p109 I see no mention of using a variable capacitor.

Are they needed? if so what value?

I've implemented some of the changes in the manual, and man has it made an improvement!

Thanks!!

Tom

N5TTI

1461. Re: [atlas_radio] Atlas 210x engineering suppliment

Yahoo group: atlas_radio
Date: 2016-05-30 14:44:48 UTC
From: n5tti@...
Topic: 1459 Message: 1461

Thanks Clint!
my radio is the older 210 (not x) and the IF is 5520 instead of 5645 KC
The detail you've provided in the supplement helps make retuning very easy.
I did not have a TUF-1 for the PC-200 board, so I used an ADE-1 and performs great!
(performs even better when I added L205 and C221 which were not originally installed on the PC-200 rev. A board).

73
Tom
N5TTI

---In atlas_radio@yahoogroups.com, <kiheiman@...> wrote :

Hi Tom,

Glad the mods worked out good for you. The 80M and 40M filters have 5645 KHz IF trap filters on their outputs. The value of the variable cap is not critical.

1462. Re: [atlas_radio] Atlas 210x engineering suppliment

Yahoo group: atlas_radio
Date: 2016-05-30 03:32:46 UTC
From: martin smith
Topic: 1459 Message: 1462

Tom,
My guess, and it is only a guess, is that they are not needed because there is no mention that I could see of their adjustment or value. Again, guessing, I think they might have been used to see if further improvement was possible and none was found. I love the 210X (and 215X).
Mike

On May 29, 2016, at 7:38 PM, n5tti@... [atlas_radio] wrote:

Good day all,

Have a question about the redesigned rx bandpass filters on p104

looking at the component layout I see variable caps on 80 and 40 meter

but, on p107 and p109 I see no mention of using a variable capacitor.

Are they needed? if so what value?

I've implemented some of the changes in the manual, and man has it made an improvement!

Thanks!!

Tom

N5TTI

1463. Re: [atlas_radio] Atlas 210x engineering suppliment

Yahoo group: atlas_radio
Date: 2016-05-31 00:55:14 UTC
From: Clint
Topic: 1459 Message: 1463

With the 5520 KHz IF, the IF Trap coil would need to have more inductance. From what I have been able to determine, the ADE-1 mixer has better specs that the TUF-1.

73
Clint
W7KEC

Sent from my iPad

> On May 30, 2016, at 7:44 AM, n5tti@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>
> Thanks Clint!
>
> my radio is the older 210 (not x) and the IF is 5520 instead of 5645 KC
>
> The detail you've provided in the supplement helps make retuning very easy.
>
> I did not have a TUF-1 for the PC-200 board, so I used an ADE-1 and performs great! (performs even better when I added L205 and C221 which were not originally installed on the PC-200 rev. A board).
>
>
>
> 73
>
> Tom
>
> N5TTI
>
>
>
>
>
> ---In atlas_radio@yahoogroups.com, <kiheiman@...> wrote :
>
> Hi Tom,
>
> Glad the mods worked out good for you. The 80M and 40M filters have 5645 KHz IF trap filters on their outputs. The value of the variable cap is not critical.
>
>
>
>

1464. Re: Atlas 210x engineering suppliment

Yahoo group: atlas_radio
Date: 2016-05-31 13:48:52 UTC
From: John
Topic: 1459 Message: 1464

Does the 215 (non -X) also have the other IF frequency?Is the 'mod' in the 'files' section, and does it apply to the 215 or only the 210?73John

1465. Re: [atlas_radio] Re: Atlas 210x engineering suppliment

Yahoo group: atlas_radio
Date: 2016-05-31 14:04:14 UTC
From: Clint
Topic: 1459 Message: 1465

All of the mods in the doc apply to the 210/210X/215/215X/ and also the 210X/215X LE models.

Here are the caveats.

The first Atlas radios used the 5520 KHz IF. Around 1975, the IF was changed to 5645 KHz – supposedly to get rid of interference that was occurring back east in the 5520 band. There was also some speculation that a new design was used for the 5645 filter – less performance and less costly than the 5520 model.

Slightly different LC values might be needed for any mod dealing with the IF – trap filters, etc.

A different mounting arrangement for a LCD display is needed for the 210X and 210X LE models (if you implement the digital VFO.

The VFO band ranges will be different between the 210 and 215 models.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Tuesday, May 31, 2016 6:48 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: Atlas 210x engineering suppliment

Does the 215 (non -X) also have the other IF frequency?
Is the 'mod' in the 'files' section, and does it apply to the 215 or only the 210?
73
John

1466. Re: [atlas_radio] Re: Atlas 210x engineering suppliment

Yahoo group: atlas_radio
Date: 2016-05-31 15:18:19 UTC
From: martin smith
Topic: 1459 Message: 1466

I have noticed the DD6 digital readout I have won't give the correct readout on the 210X I have that has the new IF frequency as it apparently was made for the original 5520 KHz IF. It has no jumpers to make it compatible with the new IF so must be the original DD6 model. I can still use it by making a table of readout VS actual frequency using a frequency counter to measure the carrier put out in CW mode. I don't understand all I think I know about this, the carrier measured this way isn't the actual frequency of operation when transmitting in SSB so I have to subtract or add 2.4 KHz or similar?
Mike

On May 31, 2016, at 7:04 AM, 'Clint' kiheiman@... [atlas_radio] wrote:

All of the mods in the doc apply to the 210/210X/215/215X/ and also the 210X/215X LE models.

Here are the caveats.

The first Atlas radios used the 5520 KHz IF. Around 1975, the IF was changed to 5645 KHz – supposedly to get rid of interference that was occurring back east in the 5520 band. There was also some speculation that a new design was used for the 5645 filter – less performance and less costly than the 5520 model.

Slightly different LC values might be needed for any mod dealing with the IF – trap filters, etc.

A different mounting arrangement for a LCD display is needed for the 210X and 210X LE models (if you implement the digital VFO.

The VFO band ranges will be different between the 210 and 215 models.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Tuesday, May 31, 2016 6:48 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: Atlas 210x engineering suppliment

Does the 215 (non -X) also have the other IF frequency?
Is the 'mod' in the 'files' section, and does it apply to the 215 or only the 210?
73
John

1467. Re: [atlas_radio] Re: Atlas 210x engineering suppliment

Yahoo group: atlas_radio
Date: 2016-05-31 20:39:56 UTC
From: Bill Cromwell
Topic: 1459 Message: 1467

Hi Mike,

Your digital display is supposed to show you the frequency of your suppressed carrier when in the "normal" sideband. It presets the counters to accomplish this. The CW offset is done at the xtal carrier oscillator and that is not seen by your digital readout. The CW transmit carrier is approximately 800 Hz toward the center if the IF passband and will only work right when the sideband switch is in the "Normal" position. In CW recieve you are receiving on the sideband you have selected - Normal or Reverse. Use normal for SSB and CW and reverse only when required - maybe when you are using the RX for AM.

I have the manual here for the DD6C and it is apparently hardwired for your IF frequency. The wiring can be changed but is not switch controlled. You have to change some wiring. I will have to read that part again but I will leave that for you since I do not need to do that. I don't know if your DD6 is a 'C' or not or if that matters.

73,

Bill KU8H

On 05/31/2016 11:18 AM, martin smith mike.56737@... [atlas_radio] wrote:
>
> I have noticed the DD6 digital readout I have won't give the correct
> readout on the 210X I have that has the new IF frequency as it
> apparently was made for the original 5520 KHz IF. It has no jumpers
> to make it compatible with the new IF so must be the original DD6
> model. I can still use it by making a table of readout VS actual
> frequency using a frequency counter to measure the carrier put out in
> CW mode. I don't understand all I think I know about this, the
> carrier measured this way isn't the actual frequency of operation when
> transmitting in SSB so I have to subtract or add 2.4 KHz or similar?
>
> Mike
>
>
> On May 31, 2016, at 7:04 AM, 'Clint' kiheiman@...
> <mailto:kiheiman@...> [atlas_radio] wrote:
>
>
> All of the mods in the doc apply to the 210/210X/215/215X/ and also
> the 210X/215X LE models.
> Here are the caveats.
> The first Atlas radios used the 5520 KHz IF. Around 1975, the IF was

> changed to 5645 KHz ? supposedly to get rid of interference that was
> occurring back east in the 5520 band. There was also some speculation
> that a new design was used for the 5645 filter ? less performance and
> less costly than the 5520 model.
> Slightly different LC values might be needed for any mod dealing with
> the IF ? trap filters, etc.
> A different mounting arrangement for a LCD display is needed for the
> 210X and 210X LE models (if you implement the digital VFO.
> The VFO band ranges will be different between the 210 and 215 models.
> 73
> Clint
> W7KEC
> *From:* mailto:atlas_radio@yahoogroups.com
> *Sent:* Tuesday, May 31, 2016 6:48 AM
> *To:* atlas_radio@yahoogroups.com <mailto:atlas_radio@yahoogroups.com>
> *Subject:* [atlas_radio] Re: Atlas 210x engineering suppliment
>
> Does the 215 (non -X) also have the other IF frequency?
> Is the 'mod' in the 'files' section, and does it apply to the 215 or
> only the 210?
> 73
> John
>
>
>

--
"Intelligence from the internet is unreliable because we cannot verify it's accuracy nor the author's credentials."

- Julius Caesar

1468. Re: [atlas_radio] Re: Atlas 210x engineering suppliment

Yahoo group: atlas_radio
Date: 2016-05-31 21:14:07 UTC
From: martin smith
Topic: 1459 Message: 1468

Hi Bill,
Thanks for the information! The digital readout says DD6 on the back, I don't see a C unless it is on the circuit board inside.
Mike

On May 31, 2016, at 1:39 PM, Bill Cromwell wrcromwell@... [atlas_radio] wrote:

Hi Mike,

Your digital display is supposed to show you the frequency of your suppressed carrier when in the "normal" sideband. It presets the counters to accomplish this. The CW offset is done at the xtal carrier oscillator and that is not seen by your digital readout. The CW transmit carrier is approximately 800 Hz toward the center if the IF passband and will only work right when the sideband switch is in the "Normal" position. In CW recieve you are receiving on the sideband you have selected - Normal or Reverse. Use normal for SSB and CW and reverse only when required - maybe when you are using the RX for AM.

I have the manual here for the DD6C and it is apparently hardwired for your IF frequency. The wiring can be changed but is not switch controlled. You have to change some wiring. I will have to read that part again but I will leave that for you since I do not need to do that. I don't know if your DD6 is a 'C' or not or if that matters.

73,

Bill KU8H

On 05/31/2016 11:18 AM, martin smith mike.56737@gmail.com [atlas_radio] wrote:
>
> I have noticed the DD6 digital readout I have won't give the correct
> readout on the 210X I have that has the new IF frequency as it
> apparently was made for the original 5520 KHz IF. It has no jumpers
> to make it compatible with the new IF so must be the original DD6
> model. I can still use it by making a table of readout VS actual
> frequency using a frequency counter to measure the carrier put out in
> CW mode. I don't understand all I think I know about this, the
> carrier measured this way isn't the actual frequency of operation when
> transmitting in SSB so I have to subtract or add 2.4 KHz or similar?
>
> Mike
>
>
> On May 31, 2016, at 7:04 AM, 'Clint' kiheiman@...
> <mailto:kiheiman@...> [atlas_radio] wrote:

>
>
> All of the mods in the doc apply to the 210/210X/215/215X/ and also
> the 210X/215X LE models.
> Here are the caveats.
> The first Atlas radios used the 5520 KHz IF. Around 1975, the IF was
> changed to 5645 KHz – supposedly to get rid of interference that was
> occurring back east in the 5520 band. There was also some speculation
> that a new design was used for the 5645 filter – less performance and
> less costly than the 5520 model.
> Slightly different LC values might be needed for any mod dealing with
> the IF – trap filters, etc.
> A different mounting arrangement for a LCD display is needed for the
> 210X and 210X LE models (if you implement the digital VFO.
> The VFO band ranges will be different between the 210 and 215 models.
> 73
> Clint
> W7KEC
> *From:* mailto:atlas_radio@yahoogroups.com
> *Sent:* Tuesday, May 31, 2016 6:48 AM
> *To:* atlas_radio@yahoogroups.com <mailto:atlas_radio@yahoogroups.com>
> *Subject:* [atlas_radio] Re: Atlas 210x engineering suppliment
>
> Does the 215 (non -X) also have the other IF frequency?
> Is the 'mod' in the 'files' section, and does it apply to the 215 or
> only the 210?
> 73
> John
>
>
>

--
"Intelligence from the internet is unreliable because we cannot verify it's accuracy nor the author's credentials."

- Julius Caesar

Yahoo Groups Links

1469. Atlas 210x CW

Yahoo group: atlas_radio
Date: 2016-06-02 02:35:45 UTC
From: n5tti@...
Topic: 1469 Message: 1469

There has got to be a better way to do CW on the Atlas 210x

On page 8 of the 210/215 operations manual there's a small schematic to simplify things a bit.
The problem is, I'm lazy, and don't want to continually switch plugs back and forth to go from CW to SSB. (besides that, you still have to flip a switch in the schematic to transmit CW)
I was wondering if someone has come up with an improvement on this?
I have a couple of ideas, but thought I'd ask the community before I try to re-invent the wheel

Thanks!
Tom
N5TTI

1470. Re: [atlas_radio] Atlas 210x CW

Yahoo group: atlas_radio
Date: 2016-06-02 03:54:29 UTC
From: MIKE DURKIN
Topic: 1469 Message: 1470

Why not install an auto memory keyer that has an audio tone and Tx on SSB

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of n5tti@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Wednesday, June 1, 2016 7:35 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Atlas 210x CW

There has got to be a better way to do CW on the Atlas 210x

On page 8 of the 210/215 operations manual there's a small schematic to simplify things a bit.

The problem is, I'm lazy, and don't want to continually switch plugs back and forth to go from CW to SSB. (besides that, you still have to flip a switch in the schematic to transmit CW)

I was wondering if someone has come up with an improvement on this?

I have a couple of ideas, but thought I'd ask the community before I try to re-invent the wheel

Thanks!

Tom

N5TTI

1471. Re: [atlas_radio] Atlas 210x CW

Yahoo group: atlas_radio
Date: 2016-06-02 09:50:28 UTC
From: Bill Cromwell
Topic: 1469 Message: 1471

Hi,

That's been done (audio tone on SSB) and abandoned by the best of them. It is not impossible but very difficult to get a clean CW signal on the air with distortion products accumulated throughout the system and then radiated. Have you looked at the VOX with delay - semi breakin - for CW on the Atlas radios? The sidetone is used to monitor your sending AND to turn on the TX in CW mode through the VOX circuit while the on-air signal is generated by the VFO and carrier oscillator through the original key jack.

73,

Bill KU8H

On 06/01/2016 11:54 PM, MIKE DURKIN Patriot121@... [atlas_radio] wrote:
>
> Why not install an auto memory keyer that has an audio tone and Tx on SSB
>
>
>
> ---
> *From:* atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on
> behalf of n5tti@... [atlas_radio] <atlas_radio@yahoogroups.com>
> *Sent:* Wednesday, June 1, 2016 7:35 PM
> *To:* atlas_radio@yahoogroups.com
> *Subject:* [atlas_radio] Atlas 210x CW
>
> There has got to be a better way to do CW on the Atlas 210x
>
>
> On page 8 of the 210/215 operations manual there's a small schematic
> to simplify things a bit.
>
> The problem is, I'm lazy, and don't want to continually switch plugs
> back and forth to go from CW to SSB. (besides that, you still have to
> flip a switch in the schematic to transmit CW)
>
> I was wondering if someone has come up with an improvement on this?
>
> I have a couple of ideas, but thought I'd ask the community before I
> try to re-invent the wheel
>
>
> Thanks!
>

> Tom
>
> N5TTI
>
>
>

--
"Intelligence from the internet is unreliable because we cannot verify it's accuracy nor the author's credentials."

- Julius Caesar

1472. Re: Atlas 210x engineering suppliment

Yahoo group: atlas_radio
Date: 2016-06-02 15:20:05 UTC
From: toledohamradio@...
Topic: 1459 Message: 1472

I rejoined the digests again, and I'm wondering where I could find this imfamous "Atlas 210x engineering supplement" and if it applied to the 'non-X' versions, as well as the 215 and 215x?
73
J

1473. Atlas 350XL Group?

Yahoo group: atlas_radio
Date: 2016-06-02 15:31:18 UTC
From: n0czv@...
Topic: 1473 Message: 1473

Hello!

Does anyone know if the Yahoo Atlas 350XL group is still alive and well? I made a request to join and have not heard anything back nor seen any recent activity.

Thanks

73,

Steve, N0CZV

1474. Re: [atlas_radio] Atlas 350XL Group?

Yahoo group: atlas_radio
Date: 2016-06-02 18:37:21 UTC
From: Ed Haggerty
Topic: 1473 Message: 1474

Do not remember the last time I have seen anything in 350XL..... at least
a year, possibly more.

73
Ed KB3TOX

On Thu, Jun 2, 2016 at 11:31 AM, n0czv@... [atlas_radio] <
atlas_radio@yahoogroups.com> wrote:

>
>
> Hello!
>
> Does anyone know if the Yahoo Atlas 350XL group is still alive and well?
> I made a request to join and have not heard anything back nor seen any
> recent activity.
>
> Thanks
>
> 73,
>
> Steve, N0CZV
>
>
>
>

--
Ed Haggerty
New London, Pa. 19360-0160
484-643-6699 (C)

1475. Re: [atlas_radio] Atlas 350XL Group?

Yahoo group: atlas_radio
Date: 2016-06-02 18:42:45 UTC
From: MIKE DURKIN
Topic: 1473 Message: 1475

Then your email is sending them to the trash or not at all ....

I didn't see and requests and i'm the owner ...

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of Ed Haggerty himself@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Thursday, June 2, 2016 11:37 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 350XL Group?

Do not remember the last time I have seen anything in 350XL..... at least a year, possibly more.

73
Ed KB3TOX

On Thu, Jun 2, 2016 at 11:31 AM, n0czv@...<mailto:n0czv@...> [atlas_radio] <atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>> wrote:

Hello!

Does anyone know if the Yahoo Atlas 350XL group is still alive and well? I made a request to join and have not heard anything back nor seen any recent activity.

Thanks

73,

Steve, N0CZV

--
Ed Haggerty
New London, Pa. 19360-0160
484-643-6699 (C)

1476. Re: [atlas_radio] Atlas 350XL Group?

Yahoo group: atlas_radio
Date: 2016-06-02 19:14:33 UTC
From: Jim Strohm
Topic: 1473 Message: 1476

While the general focus on this group tends toward the 210 series, content about all Atlas rigs is always welcome. Mike already piped up about his 350 group, and I certainly don't want to rain on his parade -- nevertheless, all Atlas content is always welcome here.

73
Jim N6OTQ
Group owner

On Thu, Jun 2, 2016 at 10:31 AM, n0czv@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

>
>
> Hello!
>
> Does anyone know if the Yahoo Atlas 350XL group is still alive and well?
> I made a request to join and have not heard anything back nor seen any
> recent activity.
>
> Thanks
>
> 73,
>
> Steve, N0CZV
>
>
>
>
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>
>

1477. Re: Atlas 210x engineering suppliment

Yahoo group: atlas_radio
Date: 2016-06-02 19:32:58 UTC
From: n5tti@...
Topic: 1459 Message: 1477

It's in the Files section
Dated October 29,2015
You may have to make changes if your IF is 5520 kc instead of 5645 kc
Kevin and Clint did an awesome job documenting the changes they made to their radios.

1478. Re: Atlas 210x CW

Yahoo group: atlas_radio
Date: 2016-06-02 19:53:03 UTC
From: n5tti@...
Topic: 1469 Message: 1478

Mike I have thought about doing that as well, but I'm afraid I won't get a clean signal.
Bill, I guess I wasn't paying attention to the files section, it looks as if n6otq uploaded a schematic for VOX/Semi QSK (in the folder Atlas Accessories)
looks like a DPDT switch to go from SSB to CW,
I picked up a MFJ CW-2 for a dollar at a hamfest last month, the darn thing works (I want the box for another project) I remember seeing an article in 73 magazine on adding the filter in.

time to grab my soldering iron and get to work!

Tom
N5TTI

1479. Re: [atlas_radio] Re: Atlas 210x CW

Yahoo group: atlas_radio
Date: 2016-06-02 20:11:09 UTC
From: Jim Strohm
Topic: 1469 Message: 1479

Since you mentioned my name ...

The semi-QSK schematic I posted many years ago was from the factory. I never really needed the functionality on voice, as I mostly just used the switch on the front panel; on CW I was always QRO enough that I could use the transformer hum as a side tone.

For the 21st century, it'd be awfully nice to have, though. With today's modern rigs, I'm a little surprised at how delightful the 210x was, back in the day. I guess we were easily amused, or amazed, at a compact no-tune solid-state rig with decent sensitivity and selectivity.

73
Jim N6OTQ

On Thu, Jun 2, 2016 at 2:53 PM, n5tti@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

>
>
> Mike I have thought about doing that as well, but I'm afraid I won't get a
> clean signal.
>
> Bill, I guess I wasn't paying attention to the files section, it looks as
> if n6otq uploaded a schematic for VOX/Semi QSK (in the folder Atlas
> Accessories)
>
> looks like a DPDT switch to go from SSB to CW,
>
> I picked up a MFJ CW-2 for a dollar at a hamfest last month, the darn
> thing works (I want the box for another project) I remember seeing an
> article in 73 magazine on adding the filter in.
>
>
> time to grab my soldering iron and get to work!
>
>
> Tom
>
> N5TTI
>

1480. Re: [atlas_radio] Atlas 350XL Group?

Yahoo group: atlas_radio
Date: 2016-06-02 19:26:30 UTC
From: Frank Schalles
Topic: 1473 Message: 1480

Hi group,

I seem to have the same issue. I sent a request to join the 350 group
at the same time I joined this one. I am still interested since I have
some 350xl's in various stages of repair - redesign.

Frank - AF5KV

On 6/2/16, Jim Strohm jim.strohm@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:
> While the general focus on this group tends toward the 210 series, content
> about all Atlas rigs is always welcome. Mike already piped up about his
> 350 group, and I certainly don't want to rain on his parade --
> nevertheless, all Atlas content is always welcome here.
>
> 73
> Jim N6OTQ
> Group owner
>
> On Thu, Jun 2, 2016 at 10:31 AM, n0czv@... [atlas_radio] <
> atlas_radio@yahoogroups.com> wrote:
>
>>
>>
>> Hello!
>>
>> Does anyone know if the Yahoo Atlas 350XL group is still alive and well?
>> I made a request to join and have not heard anything back nor seen any
>> recent activity.
>>
>> Thanks
>>
>> 73,
>>
>> Steve, N0CZV
>>
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>

1481. Re: [atlas_radio] Atlas 350XL Group?

Yahoo group: atlas_radio
Date: 2016-06-02 20:51:18 UTC
From: MIKE DURKIN
Topic: 1473 Message: 1481

AF5KV , I didn't see it ... and its not pending .. try again

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of Frank Schalles francisschalles@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Thursday, June 2, 2016 12:26 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 350XL Group?

Hi group,

I seem to have the same issue. I sent a request to join the 350 group
at the same time I joined this one. I am still interested since I have
some 350xl's in various stages of repair - redesign.

Frank - AF5KV

On 6/2/16, Jim Strohm jim.strohm@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:
> While the general focus on this group tends toward the 210 series, content
> about all Atlas rigs is always welcome. Mike already piped up about his
> 350 group, and I certainly don't want to rain on his parade --
> nevertheless, all Atlas content is always welcome here.
>
> 73
> Jim N6OTQ
> Group owner
>
> On Thu, Jun 2, 2016 at 10:31 AM, n0czv@roadrunner.com [atlas_radio] <
> atlas_radio@yahoogroups.com> wrote:
>
>>
>>
>> Hello!
>>
>> Does anyone know if the Yahoo Atlas 350XL group is still alive and well?
>> I made a request to join and have not heard anything back nor seen any
>> recent activity.
>>
>> Thanks
>>
>> 73,
>>
>> Steve, N0CZV
>>
>>

>>
>>
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>>
>

1482. Re: [atlas_radio] Atlas 350XL Group?

Yahoo group: atlas_radio
Date: 2016-06-04 05:38:04 UTC
From: MIKE DURKIN
Topic: 1473 Message: 1482

Frank - AF5KV, still nothing, and i tested the server too ... working for me .. must not be trying the Atlas_350XL_@yahoogroups.com ?

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of MIKE DURKIN Patriot121@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Thursday, June 2, 2016 1:51 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 350XL Group?

AF5KV , I didn't see it ... and its not pending .. try again

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of Frank Schalles francisschalles@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Thursday, June 2, 2016 12:26 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 350XL Group?

Hi group,

I seem to have the same issue. I sent a request to join the 350 group
at the same time I joined this one. I am still interested since I have
some 350xl's in various stages of repair - redesign.

Frank - AF5KV

On 6/2/16, Jim Strohm jim.strohm@... [atlas_radio]
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> While the general focus on this group tends toward the 210 series, content
> about all Atlas rigs is always welcome. Mike already piped up about his
> 350 group, and I certainly don't want to rain on his parade --
> nevertheless, all Atlas content is always welcome here.
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> 73
> Jim N6OTQ
> Group owner
>
> On Thu, Jun 2, 2016 at 10:31 AM, n0czv@... [atlas_radio] <
> atlas_radio@yahoogroups.com> wrote:
>
>>
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>> Hello!
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>> Does anyone know if the Yahoo Atlas 350XL group is still alive and well?
>> I made a request to join and have not heard anything back nor seen any

>> recent activity.
>>
>> Thanks
>>
>> 73,
>>
>> Steve, N0CZV
>>
>>
>>
>>
>>
>>
>

1483. RE: [atlas_radio] Atlas 350XL Group?

Yahoo group: atlas_radio
Date: 2016-06-04 16:30:27 UTC
From: Roger VE7LB
Topic: 1473 Message: 1483

Hi Mike,

I just sent another 350XL join request. I tried in 2008 and didn't get a response.

I sent it right from the Yahoo groups page.

73

Roger

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Friday, June 03, 2016 10:38 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 350XL Group?

Frank - AF5KV, still nothing, and i tested the server too ... working for me .. must not be trying the Atlas_350XL_@yahoogroups.com ?

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of MIKE DURKIN Patriot121@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Thursday, June 2, 2016 1:51 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 350XL Group?

AF5KV , I didn't see it ... and its not pending .. try again

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of Frank Schalles francisschalles@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Thursday, June 2, 2016 12:26 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 350XL Group?

Hi group,

I seem to have the same issue. I sent a request to join the 350 group at the same time I joined this one. I am still interested since I have some 350xl's in various stages of repair - redesign.

Frank - AF5KV

On 6/2/16, Jim Strohm jim.strohm@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
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> nevertheless, all Atlas content is always welcome here.
>
> 73
> Jim N6OTQ
> Group owner
>
> On Thu, Jun 2, 2016 at 10:31 AM, n0czv@... [atlas_radio] <
> atlas_radio@yahoogroups.com> wrote:
>
>>
>>
>> Hello!
>>
>> Does anyone know if the Yahoo Atlas 350XL group is still alive and well?
>> I made a request to join and have not heard anything back nor seen any
>> recent activity.
>>
>> Thanks
>>
>> 73,
>>
>> Steve, N0CZV
>>
>>
>>
>>
>>
>>
>>
>

1484. Re: [atlas_radio] Atlas 350XL Group?

Yahoo group: atlas_radio
Date: 2016-06-05 03:24:43 UTC
From: Frank Schalles
Topic: 1473 Message: 1484

Correction, group is Atlas_350xl_

Notice the underscore at the last. Probably why yahoo search couldn't find it.

Frank

On 6/4/16, MIKE DURKIN Patriot121@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:
> Frank - AF5KV, still nothing, and i tested the server too ... working for me
> .. must not be trying the Atlas_350XL_@yahoogroups.com ?
>
>
> _____
> From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of
> MIKE DURKIN Patriot121@... [atlas_radio] <atlas_radio@yahoogroups.com>
> Sent: Thursday, June 2, 2016 1:51 PM
> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] Atlas 350XL Group?
>
>
>
> AF5KV , I didn't see it ... and its not pending .. try again
>
>
> _____
> From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of
> Frank Schalles francisschalles@... [atlas_radio]
> <atlas_radio@yahoogroups.com>
> Sent: Thursday, June 2, 2016 12:26 PM
> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] Atlas 350XL Group?
>
>
>
> Hi group,
>
> I seem to have the same issue. I sent a request to join the 350 group
> at the same time I joined this one. I am still interested since I have
> some 350xl's in various stages of repair - redesign.
>
> Frank - AF5KV
>
> On 6/2/16, Jim Strohm jim.strohm@... [atlas_radio]
> <atlas_radio@yahoogroups.com> wrote:
>> While the general focus on this group tends toward the 210 series,
>> content

>> about all Atlas rigs is always welcome. Mike already piped up about his
>> 350 group, and I certainly don't want to rain on his parade --
>> nevertheless, all Atlas content is always welcome here.
>>
>> 73
>> Jim N6OTQ
>> Group owner
>>
>> On Thu, Jun 2, 2016 at 10:31 AM, n0czv@... [atlas_radio] <
>> atlas_radio@yahoogroups.com> wrote:
>>
>>>
>>>
>>> Hello!
>>>
>>> Does anyone know if the Yahoo Atlas 350XL group is still alive and well?
>>> I made a request to join and have not heard anything back nor seen any
>>> recent activity.
>>>
>>> Thanks
>>>
>>> 73,
>>>
>>> Steve, N0CZV
>>>
>>>
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>>>
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>>
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1485. Re: [atlas_radio] Atlas 350XL Group?

Yahoo group: atlas_radio
Date: 2016-06-05 03:20:13 UTC
From: Frank Schalles
Topic: 1473 Message: 1485

Ha found it! It's listed as Atlas 350xl and power supply WHAAAA? I am sendinf a request to join.

Frank

On 6/4/16, 'Roger VE7LB' Roger_VE7LB@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
> Hi Mike,
>
> I just sent another 350XL join request. I tried in 2008 and didn't get a
> response.
>
> I sent it right from the Yahoo groups page.
>
>
>
> 73
>
> Roger
>
>
>
> From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
> Sent: Friday, June 03, 2016 10:38 PM
> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] Atlas 350XL Group?
>
>
>
>
>
>
> Frank - AF5KV, still nothing, and i tested the server too ... working for
> me
> .. must not be trying the Atlas_350XL_@yahoogroups.com ?
>
>
>
> _____
>
> From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf
> of
> MIKE DURKIN Patriot121@... [atlas_radio] <atlas_radio@yahoogroups.com>
> Sent: Thursday, June 2, 2016 1:51 PM
> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] Atlas 350XL Group?

>
>
>
>
>
> AF5KV , I didn't see it ... and its not pending .. try again
>
>
>
> _____
>
> From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf
> of
> Frank Schalles francisschalles@... [atlas_radio]
> <atlas_radio@yahoogroups.com>
> Sent: Thursday, June 2, 2016 12:26 PM
> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] Atlas 350XL Group?
>
>
>
>
>
>
> Hi group,
>
> I seem to have the same issue. I sent a request to join the 350 group
> at the same time I joined this one. I am still interested since I have
> some 350xl's in various stages of repair - redesign.
>
> Frank - AF5KV
>
> On 6/2/16, Jim Strohm jim.strohm@... [atlas_radio]
> <atlas_radio@yahoogroups.com> wrote:
>> While the general focus on this group tends toward the 210 series,
>> content
>> about all Atlas rigs is always welcome. Mike already piped up about his
>> 350 group, and I certainly don't want to rain on his parade --
>> nevertheless, all Atlas content is always welcome here.
>>
>> 73
>> Jim N6OTQ
>> Group owner
>>
>> On Thu, Jun 2, 2016 at 10:31 AM, n0czv@... [atlas_radio] <
>> atlas_radio@yahoogroups.com> wrote:
>>
>>>
>>>
>>> Hello!
>>>

>>> Does anyone know if the Yahoo Atlas 350XL group is still alive and well?
>>> I made a request to join and have not heard anything back nor seen any
>>> recent activity.
>>>
>>> Thanks
>>>
>>> 73,
>>>
>>> Steve, N0CZV
>>>
>>>
>>>
>>>
>>>
>>>
>>
>
>
>
>

1486. Re: [atlas_radio] Atlas 350XL Group?

Yahoo group: atlas_radio
Date: 2016-06-05 03:17:28 UTC
From: Frank Schalles
Topic: 1473 Message: 1486

Hi Mike,

Just tried to find the group to join. Tried to search for it. Yahoo
cant find it.

Sorry, AF5KV Frank

On 6/4/16, MIKE DURKIN Patriot121@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:
> Frank - AF5KV, still nothing, and i tested the server too ... working for me
> .. must not be trying the Atlas_350XL_@yahoogroups.com ?
>
>
> _____
> From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of
> MIKE DURKIN Patriot121@... [atlas_radio] <atlas_radio@yahoogroups.com>
> Sent: Thursday, June 2, 2016 1:51 PM
> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] Atlas 350XL Group?
>
>
>
> AF5KV , I didn't see it ... and its not pending .. try again
>
>
> _____
> From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of
> Frank Schalles francisschalles@... [atlas_radio]
> <atlas_radio@yahoogroups.com>
> Sent: Thursday, June 2, 2016 12:26 PM
> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] Atlas 350XL Group?
>
>
>
> Hi group,
>
> I seem to have the same issue. I sent a request to join the 350 group
> at the same time I joined this one. I am still interested since I have
> some 350xl's in various stages of repair - redesign.
>
> Frank - AF5KV
>
> On 6/2/16, Jim Strohm jim.strohm@... [atlas_radio]
> <atlas_radio@yahoogroups.com> wrote:
>> While the general focus on this group tends toward the 210 series,

>> content
>> about all Atlas rigs is always welcome. Mike already piped up about his
>> 350 group, and I certainly don't want to rain on his parade --
>> nevertheless, all Atlas content is always welcome here.
>>
>> 73
>> Jim N6OTQ
>> Group owner
>>
>> On Thu, Jun 2, 2016 at 10:31 AM, n0czv@... [atlas_radio] <
>> atlas_radio@yahoogroups.com> wrote:
>>
>>>
>>>
>>> Hello!
>>>
>>> Does anyone know if the Yahoo Atlas 350XL group is still alive and well?
>>> I made a request to join and have not heard anything back nor seen any
>>> recent activity.
>>>
>>> Thanks
>>>
>>> 73,
>>>
>>> Steve, N0CZV
>>>
>>>
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1487. RE: [atlas_radio] Atlas 350XL Group?

Yahoo group: atlas_radio
Date: 2016-06-05 16:31:22 UTC
From: Roger VE7LB
Topic: 1473 Message: 1487

Hi Frank,

I joined yesterday. Double click on -

https://groups.yahoo.com/group/Atlas_350XL_

And you can join from within the Yahoo site.

73

Roger VE7LB

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Saturday, June 04, 2016 8:17 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 350XL Group?

Hi Mike,

Just tried to find the group to join. Tried to search for it. Yahoo
cant find it.

Sorry, AF5KV Frank

On 6/4/16, MIKE DURKIN Patriot121@msn.com [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:
> Frank - AF5KV, still nothing, and i tested the server too ... working for me
> .. must not be trying the Atlas_350XL_@yahoogroups.com ?
>
>
> _____
> From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of
> MIKE DURKIN Patriot121@... [atlas_radio] <atlas_radio@yahoogroups.com>
> Sent: Thursday, June 2, 2016 1:51 PM
> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] Atlas 350XL Group?
>
>
>
> AF5KV , I didn't see it ... and its not pending .. try again
>
>
> _____
> From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of
> Frank Schalles francisschalles@... [atlas_radio]
> <atlas_radio@yahoogroups.com>
> Sent: Thursday, June 2, 2016 12:26 PM

> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] Atlas 350XL Group?
>
>
>
> Hi group,
>
> I seem to have the same issue. I sent a request to join the 350 group
> at the same time I joined this one. I am still interested since I have
> some 350xl's in various stages of repair - redesign.
>
> Frank - AF5KV
>
> On 6/2/16, Jim Strohm jim.strohm@... [atlas_radio]
> <atlas_radio@yahoogroups.com> wrote:
>> While the general focus on this group tends toward the 210 series,
>> content
>> about all Atlas rigs is always welcome. Mike already piped up about his
>> 350 group, and I certainly don't want to rain on his parade --
>> nevertheless, all Atlas content is always welcome here.
>>
>> 73
>> Jim N6OTQ
>> Group owner
>>
>> On Thu, Jun 2, 2016 at 10:31 AM, n0czv@... [atlas_radio] <
>> atlas_radio@yahoogroups.com> wrote:
>>
>>>
>>>
>>> Hello!
>>>
>>> Does anyone know if the Yahoo Atlas 350XL group is still alive and well?
>>> I made a request to join and have not heard anything back nor seen any
>>> recent activity.
>>>
>>> Thanks
>>>
>>> 73,
>>>
>>> Steve, N0CZV
>>>
>>>
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>>
>
>

>

1488. 210x

Yahoo group: atlas_radio
Date: 2016-06-12 15:42:12 UTC
From: rik360@...
Topic: 499 Message: 1488

First my name is Rick, K9AMB. Long time Swan guy, just picked up an Atlas 210x at hamfest and have a question. When I brought it home I got on 40m and had about 90W output but on 20m only about 25W. Any idea's why? Thanks.
Rick

1489. Re: [atlas_radio] 210x

Yahoo group: atlas_radio
Date: 2016-06-13 00:58:38 UTC
From: Jack Griffin
Topic: 499 Message: 1489

Check the SWR for 20M. The Atlas has a protection circuit for high SWR.Jack, WA1BRI

On Sunday, June 12, 2016 8:30 PM, "rik360@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

First my name is Rick, K9AMB. Long time Swan guy, just picked up an Atlas 210x at hamfest and have a question. When I brought it home I got on 40m and had about 90W output but on 20m only about 25W. Any idea's why? Thanks.
Rick

1490. Re: [atlas_radio] 210x

Yahoo group: atlas_radio
Date: 2016-06-13 01:17:14 UTC
From: MIKE DURKIN
Topic: 499 Message: 1490

2 thoughts .... filters for the Tx have pots on them to level Tx power out -- probably not it ...

on the flip out Pa there is a compensation capacitor of the first stage ... its probably been adjusted for more power on teh lowest band ...

Or it could use some newer (transistors) components that have a flatter gain from low to high HF ...

leave it as is. or tear into it !!!!

From: atlas_radio@...m <atlas_radio@yahoogroups.com> on behalf of rik360@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Sunday, June 12, 2016 8:42 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] 210x

First my name is Rick, K9AMB. Long time Swan guy, just picked up an Atlas 210x at hamfest and have a question. When I brought it home I got on 40m and had about 90W output but on 20m only about 25W. Any idea's why? Thanks.
Rick

1491. Re: [atlas_radio] 210x

Yahoo group: atlas_radio
Date: 2016-06-13 01:18:04 UTC
From: MIKE DURKIN
Topic: 499 Message: 1491

I always forget to mention that ... dumy load testing is a good thing.

_____
From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of Jack Griffin jtg4300@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Sunday, June 12, 2016 5:58 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] 210x

Check the SWR for 20M. The Atlas has a protection circuit for high SWR.
Jack,
WA1BRI

On Sunday, June 12, 2016 8:30 PM, "rik360@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

First my name is Rick, K9AMB. Long time Swan guy, just picked up an Atlas 210x at hamfest and have a question. When I brought it home I got on 40m and had about 90W output but on 20m only about 25W. Any idea's why? Thanks.
Rick

1492. Re: [atlas_radio] 210x

Yahoo group: atlas_radio
Date: 2016-06-13 01:36:42 UTC
From: MIKE DURKIN
Topic: 499 Message: 1492

NOw that iv said that ....

C505 on PC500/520 ....

Do you have the schematic yet?

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of MIKE DURKIN Patriot121@msn.com [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Sunday, June 12, 2016 6:17 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] 210x

2 thoughts .... filters for the Tx have pots on them to level Tx power out -- probably not it ...

on the flip out Pa there is a compensation capacitor of the first stage ... its probably been adjusted for more power on teh lowest band ...

Or it could use some newer (transistors) components that have a flatter gain from low to high HF ...

leave it as is. or tear into it !!!!

From: atlas_radio@...m <atlas_radio@yahoogroups.com> on behalf of rik360@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Sunday, June 12, 2016 8:42 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] 210x

First my name is Rick, K9AMB. Long time Swan guy, just picked up an Atlas 210x at hamfest and have a question. When I brought it home I got on 40m and had about 90W output but on 20m only about 25W. Any idea's why? Thanks.
Rick

1493. re: 210X

Yahoo group: atlas_radio
Date: 2016-06-13 13:21:57 UTC
From: toledohamradio@...
Topic: 1493 Message: 1493

I'd be real happy with 90Watts out on 40m. I'd quit while I was ahead with that, but tinker we must?

1494. Re: [atlas_radio] 210x

Yahoo group: atlas_radio
Date: 2016-06-13 02:07:16 UTC
From: rik360
Topic: 499 Message: 1494

Another thing I noticed today is that it is nearly deaf on 20m compared to other radios. SWR not a problem.

Sent from my Sprint Samsung Galaxy S® 6.
-------- Original message --------From: "MIKE DURKIN Patriot121@msn.com [atlas_radio]" <atlas_radio@yahoogroups.com> Date: 6/12/16 20:36 (GMT-06:00) To: atlas_radio@yahoogroups.com Subject: Re: [atlas_radio] 210x

NOw that iv said that ....

C505 on PC500/520 ....

Do you have the schematic yet?

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of MIKE DURKIN Patriot121@msn.com [atlas_radio] <atlas_radio@yahoogroups.com>

Sent: Sunday, June 12, 2016 6:17 PM

To: atlas_radio@yahoogroups.com

Subject: Re: [atlas_radio] 210x

2 thoughts .... filters for the Tx have pots on them to level Tx power out -- probably not it ...

on the flip out Pa there is a compensation capacitor of the first stage ... its probably been adjusted for more power on teh lowest band ...

Or it could use some newer (transistors) components that have a flatter gain from low to high HF ...

leave it as is. or tear into it !!!!

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of rik360@sbcglobal.net [atlas_radio] <atlas_radio@yahoogroups.com>

Sent: Sunday, June 12, 2016 8:42 AM

To: atlas_radio@yahoogroups.com

Subject: [atlas_radio] 210x

First my name is Rick, K9AMB. Long time Swan guy, just picked up an Atlas 210x at hamfest and have a question. When I brought it home I got on 40m and had about 90W output but on 20m only about 25W. Any idea's why? Thanks.

Rick

1495. 210X mic issue"

Yahoo group: atlas_radio
Date: 2016-06-18 16:03:48 UTC
From: n9ktw@...
Topic: 1495 Message: 1495

I have a strange problem here..... I had my 210X in the car for the last 2 weeks (most of the time the car was in the garage). When I put it in, it was working fine. Yesterday, no transmit audio. I brought it in the shack, and tried my SWAN 350 mic, and all was fine (thinking bad mic, or connector)..... tested the mic (turner350C ceramic hi impedance) wiring is good, element was ok. still no audio on the ATLAS.....tested mic with an amplifier and speaker and it works.... got me totally baffled on this one.....

Any ideas??????

de Howard, N9KTW

1496. Re: [atlas_radio] 210X mic issue"

Yahoo group: atlas_radio
Date: 2016-06-18 16:56:22 UTC
From: MIKE DURKIN
Topic: 1495 Message: 1496

have Rx on the atlas 210 right?

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of n9ktw@...
[atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Saturday, June 18, 2016 9:03 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] 210X mic issue"

I have a strange problem here..... I had my 210X in the car for the last 2 weeks (most of the time the car was in the garage). When I put it in, it was working fine. Yesterday, no transmit audio. I brought it in the shack, and tried my SWAN 350 mic, and all was fine (thinking bad mic, or connector)..... tested the mic (turner350C ceramic hi impedance) wiring is good, element was ok. still no audio on the ATLAS.....tested mic with an amplifier and speaker and it works.... got me totally baffled on this one.....

Any ideas??????

de Howard, N9KTW

1497. Re: [atlas_radio] 210X mic issue"

Yahoo group: atlas_radio
Date: 2016-06-18 19:38:00 UTC
From: n9ktw@...
Topic: 1495 Message: 1497

Rx is ok, and swapping out the mic gave me audio. What has me baffled is that the mic worked fine a few weeks ago, and works fine into an audio amp, but not with the radio.....

Howard

1498. Re: [atlas_radio] 210X mic issue"

Yahoo group: atlas_radio
Date: 2016-06-19 03:56:15 UTC
From: MIKE DURKIN
Topic: 1495 Message: 1498

Sounds like a mic switch going bad or the cord ... gota love intermittent problems

---

From: atlas_radio@...m <atlas_radio@yahoogroups.com> on behalf of n9ktw@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Saturday, June 18, 2016 12:38 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] 210X mic issue"

Rx is ok, and swapping out the mic gave me audio. What has me baffled is that the mic worked fine a few weeks ago, and works fine into an audio amp, but not with the radio.....

Howard

1499. Project Update - Si570 VFO

Yahoo group: atlas_radio
Date: 2016-06-19 13:13:38 UTC
From: kiheiman@...
Topic: 1499 Message: 1499

Here is an update on the Si570 VFO project. I am testing beta version 2 of the code. Ton Blokker – PA0KLT has done wonders with the Si570 code. Here are some highlights of the features that will be available:

jumper to select LO frequency coverage for a 210 or a 215 radio

jumper to select 5520 KHz or 5645 Khz IF

control line to select LSB and USB modes (and they match the Atlas carrier oscillator offset frequency)

VFO A and VFO B modes

RIT for RX and TX

front panel control of calibrate mode

works with a 8x2 or 12x2 LCD display (uses existing front panel frequency window of Atlas radio)

control line to lock the frequency

two frequency tuning increments – 10 Hz and 500 Hz – uses pushbutton switch on frequency control to shift increment mode

works with supplied mechanical encoder or a Bourns optical encoder (optical encoder available from SDR Kits at a reasonable price)

with optical encoder, frequency change per knob rotation is 1.280 KHz in 10 Hz mode and 64 KHz in 500 Hz mode

remembers frequency from band to band

frequency on each band can be saved for instant recall at next power up of radio

about 30 Hz drift during first 15 minutes of warm-up after power on

about +/- 2 Hz drift over 24 hours after 15 minute warm-up

very few birdies in the receiver on any band

50 ohm load stabilized with a MCL MMIC GALI-6 amplifier – about +10 dbm LO out on each band

Only three low pass filters in output needed to cover all five ham bands

Will work with a single low pass filter on all bands

easy to add low pass filters in output using existing Atlas radio band switch contacts

Total current draw of VFO, LCD display, and MMIC amp is about 140 ma

no frequency accumulation errors from low end of band to high end of band (unlike a AD9951)

Please contact me if you need additional details on any particular area.

73

Clint

W7KEC

1500. Re: Project Update - Si570 VFO

Yahoo group: atlas_radio
Date: 2016-06-20 15:16:58 UTC
From: toledohamradio@...
Topic: 1499 Message: 1500

Clint, that sounds great- any photos you can share?
73
J

1501. Re: [atlas_radio] Project Update - Si570 VFO

Yahoo group: atlas_radio
Date: 2016-06-20 03:29:22 UTC
From: Frank Schalles
Topic: 1499 Message: 1501

Where to purchase them? How much?

Frank, AF5KV

On 6/19/16, kiheiman@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
> Here is an update on the Si570 VFO project. I am testing beta version 2 of
> the code. Ton Blokker – PA0KLT has done wonders with the Si570 code. Here
> are some highlights of the features that will be available:
>
>
>
> jumper to select LO frequency coverage for a 210 or a 215 radio
>
> jumper to select 5520 KHz or 5645 Khz IF
>
> control line to select LSB and USB modes (and they match the Atlas carrier
> oscillator offset frequency)
>
> VFO A and VFO B modes
>
> RIT for RX and TX
>
> front panel control of calibrate mode
>
> works with a 8x2 or 12x2 LCD display (uses existing front panel frequency
> window of Atlas radio)
>
> control line to lock the frequency
>
> two frequency tuning increments – 10 Hz and 500 Hz – uses pushbutton switch
> on frequency control to shift increment mode
>
> works with supplied mechanical encoder or a Bourns optical encoder (optical
> encoder available from SDR Kits at a reasonable price)
>
> with optical encoder, frequency change per knob rotation is 1.280 KHz in 10
> Hz mode and 64 KHz in 500 Hz mode
>
> remembers frequency from band to band
>
> frequency on each band can be saved for instant recall at next power up of
> radio
>
> about 30 Hz drift during first 15 minutes of warm-up after power on
>

> about +/- 2 Hz drift over 24 hours after 15 minute warm-up
>
> very few birdies in the receiver on any band
>
> 50 ohm load stabilized with a MCL MMIC GALI-6 amplifier – about +10 dbm LO
> out on each band
>
> Only three low pass filters in output needed to cover all five ham bands
>
> Will work with a single low pass filter on all bands
>
> easy to add low pass filters in output using existing Atlas radio band
> switch contacts
>
> Total current draw of VFO, LCD display, and MMIC amp is about 140 ma
>
> no frequency accumulation errors from low end of band to high end of band
> (unlike a AD9951)
>
>
>
> Please contact me if you need additional details on any particular area.
>
>
>
> 73
>
> Clint
>
> W7KEC
>

1502. Si570 VFO Build

Yahoo group: atlas_radio
Date: 2016-06-20 20:01:38 UTC
From: kiheiman@...
Topic: 1502 Message: 1502

I am sorry for this formal. My ISP is currently not letting me send responses to the group. The Si570 VFO code is still in beta testing. There are still a couple of bugs that need to be worked out. Once the kit is ready for production, it will be available from SDR Kits. The standard kit is currently available: SDR-Kits
http://sdr-kits.net/PA0KLT_Description.html

http://sdr-kits.net/PA0KLT_Description.html

SDR-Kits http://sdr-kits.net/PA0KLT_Description.html SDR-Kits.net Welcome - The PA0KLT Low Noise VFO Synthesized Kit Updated 02 June 2014 PA0KLT V4.20 Firmware - with Optional RIT and Fast Tuning Func...

View on sdr-kits.net http://sdr-kits.net/PA0KLT_Description.html
Preview by Yahoo

I also recommend that you get the Bourns optical encoder at the same time. The standard kit will allow you to build it in the Hammond enclosure and start testing as an external VFO on your Atlas radio. Most of the control line functions on the standard kit are different from the Atlas kit. Once the Atlas kit is finalized, you would need to order the Atlas microprocessor and change it out on the Si570 board (it is socketed).

If you would like preliminary pictures of the project, I can send you a PDF file with detailed engineering build data. I can also send you a picture of my standard kit build that I use as a standalone signal generator.

73
Clint
W7KEC

1503. Question- Atlas 210 sideband switching/alignment

Yahoo group: atlas_radio
Date: 2016-06-26 13:16:23 UTC
From: zelasko54@...
Topic: 1503 Message: 1503

Hello, I have a question regarding correct alignment on my Atlas 210.

Sideband switch in NORM position,

I go to the CAL mode and tune in the 100Khz calibrator signal for zero beat.

Switching to the opposite sideband, (OPP) and not re-tuning, should that crystal calibrator signal still be at zero beat? Not sure if that should be the case, as it is with my Heathkit SB-101 for example....?

Thanks.

1504. Re: Question- Atlas 210 sideband switching/alignment

Yahoo group: atlas_radio
Date: 2016-06-27 13:04:35 UTC
From: toledohamradio@...
Topic: 1503 Message: 1504

Since there are 2 separate crystals, one for 'norm' and one for 'opp', I would think that you would off by the difference in the difference between these two crystals?
73
John

1505. Re: [atlas_radio] Re: Question- Atlas 210 sideband switching/alignment

Yahoo group: atlas_radio
Date: 2016-06-27 14:55:35 UTC
From: Bill Cromwell
Topic: 1503 Message: 1505

Hi John,

That is my own take on it. I have an Atlas 180 and the schema is the same but with a different set of bands. there only the two oscillators (VFO and BFO) and the VFO is not a heterodyne scheme. If we zero with one sideband and then switch to the other we will be off from zero by the difference in that offset. The normal side band is set to one side of the filter response and the other sideband xtal is set to the other side around about 2.5 kc different. I didn't look up the exact width but I set mine on the specified frequencies with a digital frequency counter and it seems to work.

I've been into a number of radios and unless they change more than one oscillator (or have separate USB/LSB filters) they all have that difference.

Some people have a different notion of 'zero beat'. If we put the marker in the center of the passband we will hear a tone a little over 1 kc. If we are exactly between the two BFO frequencies the tone will not change. That is not a very useful artifact.

73,

Bill KU8H

On 06/27/2016 09:04 AM, toledohamradio@... [atlas_radio] wrote:
>
> Since there are 2 separate crystals, one for 'norm' and one for 'opp',
> I would think that you would off by the difference in the difference
> between these two crystals?
>
> 73
>
> John
>
>

1506. Enhancing a 215x -- Diode Replacement?, Digital Display?

Yahoo group: atlas_radio
Date: 2016-07-12 18:21:46 UTC
From: jeffcrilly@...
Topic: 1506 Message: 1506

1) I read on eham that replacing diodes in the Atlas 210x/215x will lower the noise...

From http://www.eham.net/reviews/detail/908 :

> I also replaced the first mixer and product detector diodes from 1N914's to 1N5711
> hot-carrier RF mixer diodes. This lowered the noise floor, improved dynamic
> range further and gave me better weak signal response.

I have alot of noise on 20m at the house, so i'm guessing this might help.

Is there any guide published on which diodes to replace?

I assume these would be suitable: http://goo.gl/hI774H Yes?

2) I'd also like to add a digital display, but it looks like the AADE kits are no more. There's a few counters out there (e.g. ebay), and i have a bunch of arduinos (and some displays) that i was thinking could be leveraged.
Any suggestions for digital display will be appreciated.
(If i get an arduino based display working, i'll follow up with info.)

Background: I bought the 215x a few years ago (with a desk console & vox), but have not used it for a few of years. Over the past couple months i've had a side project to get it going as a "portable" radio -- mostly for camping and such (without spending a bunch on a modern radio like the 857D).

Btw, I noticed the drifting VFO and ordered the x-lock kit.

thx for any suggestions.

-jeff

1507. Re: [atlas_radio] Enhancing a 215x -- Diode Replacement?, Digital Display?

Yahoo group: atlas_radio
Date: 2016-07-12 18:48:52 UTC
From: Jim Strohm
Topic: 1506 Message: 1507

A brief note ... 1N5711 is an excellent (and widely available) choice for replacing mixer and detector diodes.

Jim N6OTQ
group owner

PS If you're interested in trading the VOX console for a plain console and a digital display, we might want to talk....

On Tue, Jul 12, 2016 at 1:21 PM, jeffcrilly@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

> 1) I read on eham that replacing diodes in the Atlas 210x/215x will lower
> the noise...
>
> From http://www.eham.net/reviews/detail/908 :
>
> > I also replaced the first mixer and product detector diodes from
> 1N914's to 1N5711
> > hot-carrier RF mixer diodes. This lowered the noise floor, improved
> dynamic
> > range further and gave me better weak signal response.
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> I have alot of noise on 20m at the house, so i'm guessing this might help.
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> 2) I'd also like to add a digital display, but it looks like the AADE kits
> are no more.
> There's a few counters out there (e.g. ebay), and i have a bunch of
> arduinos (and some displays) that i was thinking could be leveraged.
> Any suggestions for digital display will be appreciated.
> (If i get an arduino based display working, i'll follow up with info.)
>
> Background: I bought the 215x a few years ago (with a desk console &
> vox), but have not used it for a few of years. Over the past couple
> months i've had a side project to get it going as a "portable" radio --
> mostly for camping and such (without spending a bunch on a modern radio
> like the 857D).
>
> Btw, I noticed the drifting VFO and ordered the x-lock kit.
>
> thx for any suggestions.

>
> -jeff
>

1508. Re: Enhancing a 215x -- Diode Replacement?, Digital Display?

Yahoo group: atlas_radio
Date: 2016-07-18 01:11:38 UTC
From: toledohamradio@...
Topic: 1506 Message: 1508

When you replace the diodes, do you need any realignment in the Atlas?

1509. Atlas 215 ALC problem

Yahoo group: atlas_radio
Date: 2016-07-23 13:34:26 UTC
From: georgec@...
Topic: 1509 Message: 1509

Hi folks, After wanting one for many years I have a 215X that is pretty clean and works well in almost all respects after re-seating the PC300 card. But I am having an issue around ALC and would like to confirm findings as being ok or not. On the PC300 I get ALC voltage in, adjustable by the ALC pot. But the peak level of the ALC voltage on pin 18 of PC300 is about 1.0-1.25 volts. Pin 6 of Q301B sits at about 5.2V always. But AGC action is there, S meter kicks around normally. When I put the rig in CW mode I can vary power by the Mic Gain pot but moving ALC full up/down makes no difference and I remember that not being the case on others I have fiddled with.

I also see at least two schematic versions for the PC300. One shows R309 as a fixed 2.2K ohm resistor, one shows it as a 2.5K pot. Why was it made a pot? Looks like that would reduce the bias on pin 6 of Q301B.

Then again, is 1.0-1.25V coming from the reflectometer ALC output correct or should that number be higher? I made certain that in transmit card pin 13 on PC300 was indeed grounding, and D301-D304 are ok. Q301B must be ok as the AGC seems fine.

Any thoughts? Thanks
GeorgeC
W2DB
Toms River, NJ

1510. 210x

Yahoo group: atlas_radio
Date: 2016-08-08 00:39:30 UTC
From: rik360@...
Topic: 499 Message: 1510

HI all. I have a 210x that puts out full power on all bands. My problem is that all is great on 40m but on 20m and 15m it seems almost deaf. Do hear signals but no S meter deflection and all signals weak. I have cleaned all switches and board connectors. Any ideas where to look.
Thanks Rick K9AMB

1511. Re: [atlas_radio] 210x

Yahoo group: atlas_radio
Date: 2016-08-08 14:30:52 UTC
From: Clint
Topic: 499 Message: 1511

Dirty band-switch contacts on the wafer next to the RX band pass filters is a common problem. I have seen a few cases where the RX band pass filter coils had an open.

73
Clint
W7KEC

From: mailto:atlas_radio@...m
Sent: Sunday, August 7, 2016 5:39 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] 210x

HI all. I have a 210x that puts out full power on all bands. My problem is that all is great on 40m but on 20m and 15m it seems almost deaf. Do hear signals but no S meter deflection and all signals weak. I have cleaned all switches and board connectors. Any ideas where to look.
Thanks Rick K9AMB

1512. 215x digital display

Yahoo group: atlas_radio
Date: 2016-08-10 07:06:08 UTC
From: Jeff Crilly
Topic: 1512 Message: 1512

I've put together a digital display for my 215x.
It's based on an Arduino Teensy 3.1 processor. The display is an Adafruit 14segment led alphanumeric.

This radio also has a Cumbria Designs X-lock vfo stabilizer board (hence the green LED in the NB hole).

(Yes, the case is a bit large)

Sent from my iPhone

[Non-text portions of this message have been removed]

1513. Re: [atlas_radio] 215x digital display

Yahoo group: atlas_radio
Date: 2016-08-10 12:15:56 UTC
From: Jim Strohm
Topic: 1512 Message: 1513

Jeff,

If you tried to attach a photo -- this group doesn't allow attachments.
You're welcome to put pictures in either the Photos or Files sections.

73
Jim N6OTQ
group owner

On Wed, Aug 10, 2016 at 2:06 AM, Jeff Crilly jeffcrilly@...
[atlas_radio] <atlas_radio@yahoogroups.com> wrote:

> I've put together a digital display for my 215x.
> It's based on an Arduino Teensy 3.1 processor. The display is an Adafruit
> 14segment led alphanumeric.
>
> This radio also has a Cumbria Designs X-lock vfo stabilizer board (hence
> the green LED in the NB hole).
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> (Yes, the case is a bit large)
>
> Sent from my iPhone
>
> [Non-text portions of this message have been removed]
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>
> ------------------------------------
> Posted by: Jeff Crilly <jeffcrilly@...>
> ------------------------------------
>
>

1514. Re: [atlas_radio] 215x digital display

Yahoo group: atlas_radio
Date: 2016-08-10 16:00:27 UTC
From: Jeff Crilly
Topic: 1512 Message: 1514

Here's a link to the photo...
https://goo.gl/photos/egxrEepnhF5dy5QE7

Sent from my iPhone

> On Aug 10, 2016, at 5:15 AM, Jim Strohm jim.strohm@gmail.com [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>
> Jeff,
>
> If you tried to attach a photo -- this group doesn't allow attachments. You're welcome to put pictures in either the Photos or Files sections.
>
> 73
> Jim N6OTQ
> group owner
>
>> On Wed, Aug 10, 2016 at 2:06 AM, Jeff Crilly jeffcrilly@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>> I've put together a digital display for my 215x.
>> It's based on an Arduino Teensy 3.1 processor. The display is an Adafruit 14segment led alphanumeric.
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>> This radio also has a Cumbria Designs X-lock vfo stabilizer board (hence the green LED in the NB hole).
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>> (Yes, the case is a bit large)
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>> Sent from my iPhone
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>> [Non-text portions of this message have been removed]
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>> ------------------------------------
>> Posted by: Jeff Crilly <jeffcrilly@...>

>> ------------------------------------
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>

1515. Re: [atlas_radio] 215x digital display

Yahoo group: atlas_radio
Date: 2016-08-10 17:14:41 UTC
From: Jim Strohm
Topic: 1512 Message: 1515

Jeff,

Links work too.

I've taken you off moderation. But you still can't post pics in messages.
:)

73
Jim N6OTQ
group owner

On Wed, Aug 10, 2016 at 11:00 AM, Jeff Crilly jeffcrilly@...
[atlas_radio] <atlas_radio@yahoogroups.com> wrote:

>
>
> Here's a link to the photo...
> https://goo.gl/photos/egxrEepnhF5dy5QE7
>
> Sent from my iPhone
>
> On Aug 10, 2016, at 5:15 AM, Jim Strohm jim.strohm@...
> [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>
>
>
> Jeff,
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> 73
> Jim N6OTQ
> group owner
>
> On Wed, Aug 10, 2016 at 2:06 AM, Jeff Crilly jeffcrilly@...
> [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>
>> I've put together a digital display for my 215x.
>> It's based on an Arduino Teensy 3.1 processor. The display is an
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>>
>> This radio also has a Cumbria Designs X-lock vfo stabilizer board (hence
>> the green LED in the NB hole).
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>> (Yes, the case is a bit large)
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>> Sent from my iPhone
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>> [Non-text portions of this message have been removed]
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>> ------------------------------------
>> Posted by: Jeff Crilly <jeffcrilly@...>
>> ------------------------------------
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1516. Re: [atlas_radio] 215x digital display

Yahoo group: atlas_radio
Date: 2016-08-10 22:28:00 UTC
From: Clint
Topic: 1512 Message: 1516

Very nice setup. Could you provide details on your Cumbria XLock install? I have two kits that I need to install, but was not sure of the best spot to install the varicap for frequency compensation.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Wednesday, August 10, 2016 9:00 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] 215x digital display

Here's a link to the photo...
https://goo.gl/photos/egxrEepnhF5dy5QE7

Sent from my iPhone

On Aug 10, 2016, at 5:15 AM, Jim Strohm jim.strohm@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

Jeff,

If you tried to attach a photo -- this group doesn't allow attachments. You're welcome to put pictures in either the Photos or Files sections.

73

Jim N6OTQ

group owner

On Wed, Aug 10, 2016 at 2:06 AM, Jeff Crilly jeffcrilly@... [atlas_radio] <atlas_radio@...m> wrote:

I've put together a digital display for my 215x.
It's based on an Arduino Teensy 3.1 processor. The display is an Adafruit 14segment led alphanumeric.

This radio also has a Cumbria Designs X-lock vfo stabilizer board (hence the green LED in the NB hole).

(Yes, the case is a bit large)

Sent from my iPhone

[Non-text portions of this message have been removed]

Posted by: Jeff Crilly <jeffcrilly@...>

1517. Re: [atlas_radio] 215x digital display

Yahoo group: atlas_radio
Date: 2016-08-10 23:31:16 UTC
From: Jeff Crilly
Topic: 1512 Message: 1517

I followed this page (and re-read it like 30 times)...
https://pa0fri.home.xs4all.nl/Mods/Atlas215%20stabilizer/Atlas215x%20VFO%20stabilizer.htm

My 215x has rev "B" boards... As does Frits 215x. (I hope I got his name correct.)
(Most schematics I see out there are for rev C boards.).
My 215x vfo output was low; it needed an amplifier. So I added the vfo output transistor mod from Frits' page. This was also needed to make the frequency counter work.

Frits' (paofri) page uses a BB221 varactor.
Also I think Frits integrated the xlock v2.
I have an xlock v3 which came with a 1N4004 diode for the "varactor".
The xlock v3 used an LED for the varactor.

In any event I made all the mods (afaict) on the above page. Note that in the page there is an "update" near the bottom to fix Rx->tx frequency jumping which involves another FET for isolation , 9v regulator , and cap across the power of one of the other boards. I ended up doing this mod as the output from the vfo was messy without it.

I also mounted the xlock board to the speaker magnet like Frits did. I used some perf board I had laying around. My install wasn't as clean as Frits'... I just used some blue masking tape to hold the perf board in place.

My radio still has some drift. Much less than before. Maybe 5Hz / minute now (observed with the digital display). But I need to measure this. Before it was like 10khz / minute when cold.

Maybe using a real Varicap will fix this slight drift?
(I've not been able to source a BB221 locally , which is what Frits used.)

Or maybe the frequency counter is loading down the output (tho I don't think it should. Unfortunately it's the only counter I have right now.

Also I get "xlock unlock" when going from Rx -> tx... It jumps like 10khz, but once on TX the vfo seems to instantly return to the RX frequency. Still, I'd like to fix the unlock when switching to TX.. It happens with the mode switch and the microphone PTT. (Going from tx -> rx does not cause an unlock. It used to, before adding the isolation FET.)

This also might be an issue with noisy band switch. I cleaned it with deoxit (it was really noisy), but it is still not solid.

Hope this helps.
If you have any further questions, let me know.
And if you have any ideas on how to improve the xlock implementation in the rev B atlas boards , I'd definitely like to hear about it.

I could post pics not the xlock install.... but Frits' install is much better.

Sent from my iPhone

> On Aug 10, 2016, at 3:28 PM, 'Clint' kiheiman@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:
>
> Very nice setup. Could you provide details on your Cumbria XLock install? I have two kits that I need to install, but was not sure of the best spot to install the varicap for frequency compensation.
>
> 73
> Clint
> W7KEC
>
> From: mailto:atlas_radio@yahoogroups.com
> Sent: Wednesday, August 10, 2016 9:00 AM
> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] 215x digital display
>
>
> Here's a link to the photo...
> https://goo.gl/photos/egxrEepnhF5dy5QE7
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> Sent from my iPhone
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>> On Aug 10, 2016, at 5:15 AM, Jim Strohm jim.strohm@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:
>>
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>> Jeff,
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>> 73
>> Jim N6OTQ
>> group owner
>>
>>> On Wed, Aug 10, 2016 at 2:06 AM, Jeff Crilly jeffcrilly@... [atlas_radio]
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>>> This radio also has a Cumbria Designs X-lock vfo stabilizer board (hence the green LED in the NB hole).
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>>> (Yes, the case is a bit large)
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>>> Sent from my iPhone
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>>> [Non-text portions of this message have been removed]
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>>> ------------------------------------
>>> Posted by: Jeff Crilly <jeffcrilly@...m>
>>> ------------------------------------
>
>

1518. Re: [atlas_radio] 215x digital display

Yahoo group: atlas_radio
Date: 2016-08-10 23:51:34 UTC
From: MIKE DURKIN
Topic: 1512 Message: 1518

Does it still have the original VFO regulator installed ?

Iv had one drop the voltage enough to cause a Rx / Tx shift ..

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of Jeff Crilly jeffcrilly@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Wednesday, August 10, 2016 4:31 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] 215x digital display

I followed this page (and re-read it like 30 times)...
https://pa0fri.home.xs4all.nl/Mods/Atlas215%20stabilizer/Atlas215x%20VFO%20stabilizer.htm
Atlas215x VFO stabilizer - XS4ALL<https://pa0fri.home.xs4all.nl/Mods/Atlas215%20stabilizer/Atlas215x%20VFO%20stabilizer.htm>
pa0fri.home.xs4all.nl
Atlas -210x/215x using X-Lock VFO stabiliser 13 may 2011 With a remedy for a temporary VFO unlock between Rx-Tx. CUMBRIA DESIGNS X-Lock VFO Stabilizer.

My 215x has rev "B" boards... As does Frits 215x. (I hope I got his name correct.)
(Most schematics I see out there are for rev C boards.).
My 215x vfo output was low; it needed an amplifier. So I added the vfo output transistor mod from Frits' page. This was also needed to make the frequency counter work.

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Hope this helps.
If you have any further questions, let me know.
And if you have any ideas on how to improve the xlock implementation in the rev B atlas boards , I'd definitely like to hear about it.

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Sent from my iPhone

On Aug 10, 2016, at 3:28 PM, 'Clint' kiheiman@...<mailto:kiheiman@...> [atlas_radio] <atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>> wrote:

Very nice setup. Could you provide details on your Cumbria XLock install? I have two kits that I need to install, but was not sure of the best spot to install the varicap for frequency compensation.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Wednesday, August 10, 2016 9:00 AM
To: atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>
Subject: Re: [atlas_radio] 215x digital display

Here's a link to the photo...
https://goo.gl/photos/egxrEepnhF5dy5QE7

Sent from my iPhone

On Aug 10, 2016, at 5:15 AM, Jim Strohm jim.strohm@...<mailto:jim.strohm@gmail.com> [atlas_radio] <atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>> wrote:

Jeff,

If you tried to attach a photo -- this group doesn't allow attachments. You're welcome to put pictures in either the Photos or Files sections.

73
Jim N6OTQ
group owner

On Wed, Aug 10, 2016 at 2:06 AM, Jeff Crilly jeffcrilly@...<mailto:jeffcrilly@...> [atlas_radio] <atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>> wrote:
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This radio also has a Cumbria Designs X-lock vfo stabilizer board (hence the green LED in the NB hole).

(Yes, the case is a bit large)

Sent from my iPhone

[Non-text portions of this message have been removed]

Posted by: Jeff Crilly <jeffcrilly@...<mailto:jeffcrilly@...>>

1519. Re: [atlas_radio] 215x digital display

Yahoo group: atlas_radio
Date: 2016-08-11 00:38:26 UTC
From: Jim Strohm
Topic: 1512 Message: 1519

And as always, remember that the 210, 210x, and 215/215x variants are very
similar and may have had boards swapped in from previous or newer rigs ...
or even at the factory.

So check the numbers.

73
Jim N6OTQ

On Wed, Aug 10, 2016 at 6:31 PM, Jeff Crilly jeffcrilly@...
[atlas_radio] <atlas_radio@yahoogroups.com> wrote:

>
>
> I followed this page (and re-read it like 30 times)...
> https://pa0fri.home.xs4all.nl/Mods/Atlas215%20stabilizer/
> Atlas215x%20VFO%20stabilizer.htm
>
> My 215x has rev "B" boards... As does Frits 215x. (I hope I got his name
> correct.)
> (Most schematics I see out there are for rev C boards.).
>

1520. Re: [atlas_radio] 215x digital display

Yahoo group: atlas_radio
Date: 2016-08-11 01:09:08 UTC
From: Jeff Crilly
Topic: 1512 Message: 1520

The vfo (and the FET) is powered by the new regulator. Yes the old regulator is still installed.

However if I recall correctly, the old regulator went to the vfo and another board. I only powered the vfo with the new regulator. That other board is still powered by the old regulator.

It was hard to tell in Frits writeup if that other board should be powered by the new regulator. From the pictures it seemed to me there were just two wires off the new regulator : one for the vfo and another for the new FET.

(I don't have the schematics handy, but I can look later when I'm on a proper computer).

Sent from my iPhone

> On Aug 10, 2016, at 4:51 PM, MIKE DURKIN Patriot121@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>
> Does it still have the original VFO regulator installed ?
>
>
> Iv had one drop the voltage enough to cause a Rx / Tx shift ..
>
>
> From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of Jeff Crilly jeffcrilly@... [atlas_radio] <atlas_radio@yahoogroups.com>
> Sent: Wednesday, August 10, 2016 4:31 PM
> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] 215x digital display
>
>
> I followed this page (and re-read it like 30 times)...
>
https://pa0fri.home.xs4all.nl/Mods/Atlas215%20stabilizer/Atlas215x%20VFO%20stabilizer.htm
> Atlas215x VFO stabilizer - XS4ALL
> pa0fri.home.xs4all.nl
> Atlas -210x/215x using X-Lock VFO stabiliser 13 may 2011 With a remedy for a temporary VFO unlock between Rx-Tx. CUMBRIA DESIGNS X-Lock VFO Stabilizer.
>
> My 215x has rev "B" boards... As does Frits 215x. (I hope I got his name correct.)
> (Most schematics I see out there are for rev C boards.).
> My 215x vfo output was low; it needed an amplifier. So I added the vfo output transistor mod from Frits' page. This was also needed to make the frequency counter work.
>
> Frits' (paofri) page uses a BB221 varactor.
> Also I think Frits integrated the xlock v2.

> I have an xlock v3 which came with a 1N4004 diode for the "varactor".
> The xlock v3 used an LED for the varactor.
>
> In any event I made all the mods (afaict) on the above page. Note that in the page there is an "update" near the bottom to fix Rx->tx frequency jumping which involves another FET for isolation , 9v regulator , and cap across the power of one of the other boards. I ended up doing this mod as the output from the vfo was messy without it.
>
> I also mounted the xlock board to the speaker magnet like Frits did. I used some perf board I had laying around. My install wasn't as clean as Frits'... I just used some blue masking tape to hold the perf board in place.
>
> My radio still has some drift. Much less than before. Maybe 5Hz / minute now (observed with the digital display). But I need to measure this. Before it was like 10khz / minute when cold.
>
> Maybe using a real Varicap will fix this slight drift?
> (I've not been able to source a BB221 locally , which is what Frits used.)
>
> Or maybe the frequency counter is loading down the output (tho I don't think it should.
> Unfortunately it's the only counter I have right now.
>
> Also I get "xlock unlock" when going from Rx -> tx... It jumps like 10khz, but once on TX the vfo seems to instantly return to the RX frequency. Still, I'd like to fix the unlock when switching to TX.. It happens with the mode switch and the microphone PTT. (Going from tx -> rx does not cause an unlock. It used to, before adding the isolation FET.)
>
> This also might be an issue with noisy band switch. I cleaned it with deoxit (it was really noisy), but it is still not solid.
>
> Hope this helps.
> If you have any further questions, let me know.
> And if you have any ideas on how to improve the xlock implementation in the rev B atlas boards , I'd definitely like to hear about it.
>
> I could post pics not the xlock install.... but Frits' install is much better.
>
> Sent from my iPhone
>
> On Aug 10, 2016, at 3:28 PM, 'Clint' kiheiman@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>
>>
>> Very nice setup. Could you provide details on your Cumbria XLock install? I have two kits that I need to install, but was not sure of the best spot to install the varicap for frequency compensation.
>>
>> 73
>> Clint
>> W7KEC

>>
>> From: mailto:atlas_radio@yahoogroups.com
>> Sent: Wednesday, August 10, 2016 9:00 AM
>> To: atlas_radio@yahoogroups.com
>> Subject: Re: [atlas_radio] 215x digital display
>>
>>
>> Here's a link to the photo...
>> https://goo.gl/photos/egxrEepnhF5dy5QE7
>>
>> Sent from my iPhone
>>
>> On Aug 10, 2016, at 5:15 AM, Jim Strohm jim.strohm@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:
>>
>>>
>>> Jeff,
>>>
>>> If you tried to attach a photo -- this group doesn't allow attachments. You're welcome
to put pictures in either the Photos or Files sections.
>>>
>>> 73
>>> Jim N6OTQ
>>> group owner
>>>
>>>> On Wed, Aug 10, 2016 at 2:06 AM, Jeff Crilly jeffcrilly@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:
>>>> I've put together a digital display for my 215x.
>>>> It's based on an Arduino Teensy 3.1 processor. The display is an Adafruit 14segment
led alphanumeric.
>>>>
>>>> This radio also has a Cumbria Designs X-lock vfo stabilizer board (hence the green LED
in the NB hole).
>>>>
>>>>
>>>> ----------
>>>>
>>>>
>>>>
>>>> (Yes, the case is a bit large)
>>>>
>>>> Sent from my iPhone
>>>>
>>>> [Non-text portions of this message have been removed]
>>>>
>>>>
>>>>
>>>> ------------------------------------
>>>> Posted by: Jeff Crilly <jeffcrilly@...>
>>>> ------------------------------------

>
>

1521. 215x power output?

Yahoo group: atlas_radio
Date: 2016-08-11 01:19:52 UTC
From: Jeff Crilly
Topic: 1521 Message: 1521

I've had this 215x radio for maybe like 8? years but never really had a chance to use it much. When I bought it used I thought I tested it on a dummy load, but maybe I only tested one band.

In the recent "refurbishment" work, I did get around to testing it and discovered this max output...

With the dummy load in cw...
15m is like 10 watts.
80 and 160 is like 20 watts.
40m and 20m is 100 watts.

Now , this is with the xlock mods, but I didn't take samples before the mods so I don't know if it is related. Afaik the mods shouldn't affect power output.

Any idea why the power might low in 15,80,160 bands?

I thought this might be a common thing, but searching the net didn't yield any info.

Where should I start looking?
(For test gear I have an oscilloscope and VOM , and also a redpitaya, in addition to another HF radio - TS440s/at)

Thx

1522. Re: [atlas_radio] 215x power output?

Yahoo group: atlas_radio
Date: 2016-08-11 10:16:44 UTC
From: Bill Cromwell
Topic: 1521 Message: 1522

Hi Jeff,

What are you using to measure power? What are you using for the dummy load? Do your results repeat if you use a different set of cables? Have you aligned the radio? What is a red pitaya? What is the bandwidth of the vertical channel(s) in your scope?

Test and measurement gear should always be questioned. It isn't always the radio that needs attention. Been there - done that. Cables can cause all of the things you are seeing. If you don't have an RF (aka detector) probe you can make one for your meter and your scope. If your meter is a DMM I would suggest using your scope. I would use the scope to verify whatever you are using for a watt meter.

Now then..about that red pitaya.. what's that?

73,

Bill KU8H

Atlas 180

bark less - wag more

On 08/10/2016 09:19 PM, Jeff Crilly jeffcrilly@... [atlas_radio] wrote:
>
> I've had this 215x radio for maybe like 8? years but never really had
> a chance to use it much. When I bought it used I thought I tested it
> on a dummy load, but maybe I only tested one band.
>
> In the recent "refurbishment" work, I did get around to testing it and
> discovered this max output...
>
> With the dummy load in cw...
> 15m is like 10 watts.
> 80 and 160 is like 20 watts.
> 40m and 20m is 100 watts.
>
> Now , this is with the xlock mods, but I didn't take samples before
> the mods so I don't know if it is related. Afaik the mods shouldn't
> affect power output.
>
> Any idea why the power might low in 15,80,160 bands?
>
> I thought this might be a common thing, but searching the net didn't
> yield any info.

>
> Where should I start looking?
> (For test gear I have an oscilloscope and VOM , and also a redpitaya,
> in addition to another HF radio - TS440s/at)
>
> Thx
>
>
> ---

1523. Re: [atlas_radio] 215x power output?

Yahoo group: atlas_radio
Date: 2016-08-11 12:19:29 UTC
From: Jim Strohm
Topic: 1521 Message: 1523

A frequent cause of low band power on a 210/215 is that the bandpass filters in the TX chain are mis-tuned. This can be caused by "old-timer's disease," golden screwdriver disease, component degradation, or "just because."

Test equipment is beneficial, but if you take careful note of the positions of the adjustable bandpass components while you turn them -- under key-down -- you can sometimes get a hint of whether this is an issue. When a small adjustment gives more power as displayed on an external power meter, it may be a bandpass issue.

Beware that on 10M, design issues made them kinda deaf. This is documented and the solution(s) are well known.

73
Jim N6OTQ

On Wed, Aug 10, 2016 at 8:19 PM, Jeff Crilly jeffcrilly@...
[atlas_radio] <atlas_radio@yahoogroups.com> wrote:

> I've had this 215x radio for maybe like 8? years but never really had a
> chance to use it much. When I bought it used I thought I tested it on a
> dummy load, but maybe I only tested one band.
>
> In the recent "refurbishment" work, I did get around to testing it and
> discovered this max output...
>
> With the dummy load in cw...
> 15m is like 10 watts.
> 80 and 160 is like 20 watts.
> 40m and 20m is 100 watts.
>
> Now , this is with the xlock mods, but I didn't take samples before the
> mods so I don't know if it is related. Afaik the mods shouldn't affect
> power output.
>
> Any idea why the power might low in 15,80,160 bands?
>
> I thought this might be a common thing, but searching the net didn't yield
> any info.
>
> Where should I start looking?
> (For test gear I have an oscilloscope and VOM , and also a redpitaya, in
> addition to another HF radio - TS440s/at)
>
> Thx

>
> ------------------------------------
> Posted by: Jeff Crilly <jeffcrilly@...>
> ------------------------------------
>
>
> ------------------------------------
>
> Yahoo Groups Links
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>
>

1524. Re: [atlas_radio] 215x power output?

Yahoo group: atlas_radio
Date: 2016-08-11 15:12:36 UTC
From: Jeff Crilly
Topic: 1521 Message: 1524

> On Aug 11, 2016, at 3:16 AM, Bill Cromwell wrcromwell@... [atlas_radio]
<atlas_radio@yahoogroups.com> wrote:
>
> Hi Jeff,
>
> What are you using to measure power?

Mfj 822 meter

> What are you using for the dummy
> load?

Mfj 264 1.5kw dry dummy load

> Do your results repeat if you use a different set of cables?

I tested the same cables , meter and dummy load with a ts440 and get 110 watts on the meter. So I think that's all good.
Fwiw the meter and cables are new. The dummy load is about 10 years old but hasn't seen much use.

> Have
> you aligned the radio?

No

> What is a red pitaya?
http://redpitaya.com
Xilinx based Software defined test instruments, software defined radio , etc

> What is the bandwidth of
> the vertical channel(s) in your scope?
50mHz?

I'll look into Jim's suggestion re the tx band pass filters.

Thx

> Test and measurement gear should always be questioned. It isn't always
> the radio that needs attention. Been there - done that. Cables can cause
> all of the things you are seeing. If you don't have an RF (aka detector)
> probe you can make one for your meter and your scope. If your meter is a
> DMM I would suggest using your scope. I would use the scope to verify
> whatever you are using for a watt meter.
>
> Now then..about that red pitaya.. what's that?
>
> 73,

>
> Bill KU8H
>
> Atlas 180
>
> bark less - wag more
>
> On 08/10/2016 09:19 PM, Jeff Crilly jeffcrilly@... [atlas_radio]
> wrote:
>>
>> I've had this 215x radio for maybe like 8? years but never really had
>> a chance to use it much. When I bought it used I thought I tested it
>> on a dummy load, but maybe I only tested one band.
>>
>> In the recent "refurbishment" work, I did get around to testing it and
>> discovered this max output...
>>
>> With the dummy load in cw...
>> 15m is like 10 watts.
>> 80 and 160 is like 20 watts.
>> 40m and 20m is 100 watts.
>>
>> Now , this is with the xlock mods, but I didn't take samples before
>> the mods so I don't know if it is related. Afaik the mods shouldn't
>> affect power output.
>>
>> Any idea why the power might low in 15,80,160 bands?
>>
>> I thought this might be a common thing, but searching the net didn't
>> yield any info.
>>
>> Where should I start looking?
>> (For test gear I have an oscilloscope and VOM , and also a redpitaya,
>> in addition to another HF radio - TS440s/at)
>>
>> Thx
>>
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> Yahoo Groups Links

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1525. Re: [atlas_radio] 215x power output?

Yahoo group: atlas_radio
Date: 2016-08-11 17:06:22 UTC
From: Clint
Topic: 1521 Message: 1525

If you have 100 watts out on 40M and 20M, then that is a very good sign that your TX PA transistors and driver are good.

On the later model 210X/215X radios, there are no TX band pass filter adjustments for 160/80/40 meters. There are some drive leveling pots on some of the bands and those pots can be very flaky.

You could have have dirty switch contacts on the TX band-pass filter contacts or the low pass filter contacts.

You could have some bad caps or open coils on the TX band-filter board, but not very likely for 3 bands.

Having good output on 40M and 20M confirms that your carrier oscillator is working OK.

Here are some things to check:

How much TX bias current do you see on each band.
What is your TX current draw on each band.
The IF amp adjust pot on the PC-120 board may be bad or misadjusted.
Your VFO output signal level could be low on the bands that are bad (have never seen that happen).

With a very sensitive high frequency scope, you can trace the signal level through the various TX stages.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Wednesday, August 10, 2016 6:19 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] 215x power output?

I've had this 215x radio for maybe like 8? years but never really had a chance to use it much. When I bought it used I thought I tested it on a dummy load, but maybe I only tested one band.

In the recent "refurbishment" work, I did get around to testing it and discovered this max output...

With the dummy load in cw...
15m is like 10 watts.
80 and 160 is like 20 watts.
40m and 20m is 100 watts.

Now , this is with the xlock mods, but I didn't take samples before the mods so I don't know if it is related. Afaik the mods shouldn't affect power output.

Any idea why the power might low in 15,80,160 bands?

I thought this might be a common thing, but searching the net didn't yield any info.

Where should I start looking?
(For test gear I have an oscilloscope and VOM , and also a redpitaya, in addition to another HF radio - TS440s/at)

Thx

1526. New aaAemember

Yahoo group: atlas_radio
Date: 2016-08-21 12:44:11 UTC
From: Carlos Pandolphi
Topic: 1526 Message: 1526

Enviado do meu iPhone

1527. Re: [atlas_radio] 215x power output?

Yahoo group: atlas_radio
Date: 2016-08-25 21:29:14 UTC
From: zelasko54@...
Topic: 1521 Message: 1527

Clint...with all other considerations completed with no problems found, is it possible for these types of final PA transistors (and/or the driver) to simply "go soft" similar to a vacuum tube, i.e. substrate leakage/breakdown, causing consistent power loss on all bands?

Or should it be assumed that the driver or PA's will simply fail to operate vs. lose output power over time?

1528. Re: [atlas_radio] 215x power output?

Yahoo group: atlas_radio
Date: 2016-08-25 21:57:26 UTC
From: Clint
Topic: 1521 Message: 1528

Yes - that is possible. Each PA transistor is composed of hundreds of transistors in parallel. So some of them could start opening up. However, since you have normal power output on a couple of bands, I think your PA transistors are OK. When I have a problem with low power out, I start signal tracing with my spectrum analyzer and a 20 db isolation probe. You can do a similar thing with a scope. In the Atlas engineering doc, there is a chart that shows typical scope readings at various test points in the TX amp chain.

73
Clint
W7KEC

Sent from my iPad

> On Aug 25, 2016, at 2:29 PM, zelasko54@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote:
>
> Clint...with all other considerations completed with no problems found, is it possible for these types of final PA transistors (and/or the driver) to simply "go soft" similar to a vacuum tube, i.e. substrate leakage/breakdown, causing consistent power loss on all bands?
>
>
> Or should it be assumed that the driver or PA's will simply fail to operate vs. lose output power over time?
>

1529. Need PC200c

Yahoo group: atlas_radio
Date: 2016-09-06 02:18:38 UTC
From: jcocking95070@...
Topic: 1529 Message: 1529

My Atlas 210x gave up the ghost. I must replace the PC200C. If you have one email me your price & I will Pappal you. 73

1530. Re: [atlas_radio] Need PC200c

Yahoo group: atlas_radio
Date: 2016-09-06 13:26:20 UTC
From: Clint
Topic: 1529 Message: 1530

What kind of problem are you seeing? The PC200 board is pretty easy to repair. The most often seen problem is bad caps and the CA3086 IC going bad on one or more sections.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Monday, September 5, 2016 7:18 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Need PC200c

My Atlas 210x gave up the ghost. I must replace the PC200C. If you have one email me your price & I will Pappal you. 73

1531. Re: [atlas_radio] Need PC200c

Yahoo group: atlas_radio
Date: 2016-09-07 23:17:02 UTC
From: John Cocking
Topic: 1529 Message: 1531

I trashed the PC200C trying to just that. I must replace it.Sent from Yahoo Mail on Android

On Tue, Sep 6, 2016 at 11:07 AM, 'Clint' kiheiman@q.com
[atlas_radio]<atlas_radio@yahoogroups.com> wrote:

What kind of problem are you seeing? The PC200 board is pretty easy to repair. The most often seen problem is bad caps and the CA3086 IC going bad on one or more sections. 73Clint W7KEC From: mailto:atlas_radio@yahoogroups.com Sent: Monday, September 5, 2016 7:18 PMTo: atlas_radio@yahoogroups.com Subject: [atlas_radio] Need PC200c

My Atlas 210x gave up the ghost. I must replace the PC200C. If you have one email me your price & I will Pappal you. 73

1532. Re: [atlas_radio] Need PC200c

Yahoo group: atlas_radio
Date: 2016-09-09 00:17:47 UTC
From: MIKE DURKIN
Topic: 1529 Message: 1532

How bad is it?
Use any hot air tools?

Side q .....

Any one have a pc550 (350xl) or 210/180 pa that's spare?

Get Outlook for Android<https://aka.ms/ghei36>

On Thu, Sep 8, 2016 at 4:52 PM -0700, "John Cocking jcocking95070@... [atlas_radio]" <atlas_radio@yahoogroups.com<mailto:atlas_radio@yahoogroups.com>> wrote:

I trashed the PC200C trying to just that. I must replace it.
Sent from Yahoo Mail on Android<https://overview.mail.yahoo.com/mobile/?.src=Android>

What kind of problem are you seeing? The PC200 board is pretty easy to repair. The most often seen problem is bad caps and the CA3086 IC going bad on one or more sections.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Monday, September 5, 2016 7:18 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Need PC200c

My Atlas 210x gave up the ghost. I must replace the PC200C. If you have one email me your price & I will Pappal you. 73

1533. Re: [atlas_radio] Need PC200c

Yahoo group: atlas_radio
Date: 2016-09-09 00:30:04 UTC
From: John Cocking
Topic: 1529 Message: 1533

Trust me, it is trashed. I really need a replacement.

Sent from Yahoo Mail on Android

On Wed, Sep 7, 2016 at 7:17 PM, John Cocking jcocking95070@...
[atlas_radio]<atlas_radio@yahoogroups.com> wrote:

I trashed the PC200C trying to just that. I must replace it.Sent from Yahoo Mail on Android

What kind of problem are you seeing? The PC200 board is pretty easy to repair. The most often seen problem is bad caps and the CA3086 IC going bad on one or more sections. 73Clint W7KEC From: mailto:atlas_radio@yahoogroups.com Sent: Monday, September 5, 2016 7:18 PMTo: atlas_radio@yahoogroups.com Subject: [atlas_radio] Need PC200c

My Atlas 210x gave up the ghost. I must replace the PC200C. If you have one email me your price & I will Pappal you. 73

1534. Re: [atlas_radio] Need PC200c

Yahoo group: atlas_radio
Date: 2016-09-09 16:01:43 UTC
From: MIKE DURKIN
Topic: 1529 Message: 1534

Ok .. i probably do .... and might have the same issue ... i have several parts for 210/15/180 and 250xl's ...

ill look and see what i have .. or might have an older version ...

_____
From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of John Cocking jcocking95070@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Thursday, September 8, 2016 5:30 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Need PC200c

Trust me, it is trashed. I really need a replacement.

Sent from Yahoo Mail on Android<https://overview.mail.yahoo.com/mobile/?.src=Android>

I trashed the PC200C trying to just that. I must replace it.
Sent from Yahoo Mail on Android<https://overview.mail.yahoo.com/mobile/?.src=Android>

What kind of problem are you seeing? The PC200 board is pretty easy to repair. The most often seen problem is bad caps and the CA3086 IC going bad on one or more sections.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Monday, September 5, 2016 7:18 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Need PC200c

My Atlas 210x gave up the ghost. I must replace the PC200C. If you have one email me your price & I will Pappal you. 73

1535. Re: [atlas_radio] Need PC200c

Yahoo group: atlas_radio
Date: 2016-09-09 16:21:53 UTC
From: Bob Stewart
Topic: 1529 Message: 1535

Have you checked with Earl, VE3AB at http://nettyelectronics.com? I bought a PC200-D from him some time ago and it worked fine. Check with him and if he doesn't have anything, email me off list at bob at evoria dot net.

Bob - AE6RV

AE6RV.com

GFS GPSDO list:
groups.yahoo.com/neo/groups/GFS-GPSDOs/info

From: "jcocking95070@... [atlas_radio]" <atlas_radio@yahoogroups.com>
To: atlas_radio@yahoogroups.com
Sent: Monday, September 5, 2016 9:18 PM
Subject: [atlas_radio] Need PC200c

  My Atlas 210x gave up the ghost. I must replace the PC200C. If you have one email me your price & I will Pappal you. 73

1536. Re: [atlas_radio] Need PC200c

Yahoo group: atlas_radio
Date: 2016-09-09 17:16:37 UTC
From: MIKE DURKIN
Topic: 1529 Message: 1536

all i have is a PC200-A and a pair of PC-240's ..... the PC240 could work (i think) if your dial drum was gone ...

That PC200-D wold be a better one to go with ....

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of MIKE DURKIN Patriot121@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Friday, September 9, 2016 9:01 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Need PC200c

Ok .. i probably do .... and might have the same issue ... i have several parts for 210/15/180 and 250xl's ...

ill look and see what i have .. or might have an older version ...

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of John Cocking jcocking95070@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Thursday, September 8, 2016 5:30 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Need PC200c

Trust me, it is trashed. I really need a replacement.

Sent from Yahoo Mail on Android<https://overview.mail.yahoo.com/mobile/?.src=Android>

I trashed the PC200C trying to just that. I must replace it.
Sent from Yahoo Mail on Android<https://overview.mail.yahoo.com/mobile/?.src=Android>

What kind of problem are you seeing? The PC200 board is pretty easy to repair. The most often seen problem is bad caps and the CA3086 IC going bad on one or more sections.

73
Clint
W7KEC

From: mailto:atlas_radio@yahoogroups.com
Sent: Monday, September 5, 2016 7:18 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Need PC200c

My Atlas 210x gave up the ghost. I must replace the PC200C. If you have one email me your price & I will Pappal you. 73

1537. Re: [atlas_radio] Need PC200c

Yahoo group: atlas_radio
Date: 2016-09-09 19:53:20 UTC
From: John Cocking
Topic: 1529 Message: 1537

Thanks Bob, I jusr emailed Earl. we'll what happens. I love you man. 73 BCNU, John Cocking, K2CQW ---------- On Fri, 9/9/16, Bob Stewart bob@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote: Subject: Re: [atlas_radio] Need PC200c To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com> Date: Friday, September 9, 2016, 12:21 PM Have you checked with Earl, VE3AB at http://nettyelectronics.com? I bought a PC200-D from him some time ago and it worked fine. Check with him and if he doesn't have anything, email me off list at bob at evoria dot net. Bob - AE6RV ---------- AE6RV.com GFS GPSDO list: groups.yahoo.com/neo/groups/GFS-GPSDOs/info From: "jcocking95070@... [atlas_radio]" <atlas_radio@yahoogroups.com> To: atlas_radio@yahoogroups.com Sent: Monday, September 5, 2016 9:18 PM Subject: [atlas_radio] Need PC200c My Atlas 210x gave up the ghost. I must replace the PC200C. If you have one email me your price & I will Pappal you. 73

1538. Re: [atlas_radio] Need PC200c

Yahoo group: atlas_radio
Date: 2016-09-09 19:51:37 UTC
From: John Cocking
Topic: 1529 Message: 1538

Thanks Mike. I appreciate it, but my dial drum is intact. 73 BCNU, John Cocking, K2CQW ---------- On Fri, 9/9/16, MIKE DURKIN Patriot121@... [atlas_radio] <atlas_radio@yahoogroups.com> wrote: Subject: Re: [atlas_radio] Need PC200c To: "atlas_radio@yahoogroups.com" <atlas_radio@yahoogroups.com> Date: Friday, September 9, 2016, 1:16 PM all i have is a PC200-A and a pair of PC-240's ..... the PC240 could work (i think) if your dial drum was gone ... That PC200-D wold be a better one to go with .... From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of MIKE DURKIN Patriot121@... [atlas_radio] <atlas_radio@yahoogroups.com> Sent: Friday, September 9, 2016 9:01 AM To: atlas_radio@yahoogroups.com Subject: Re: [atlas_radio] Need PC200c Ok .. i probably do .... and might have the same issue ... i have several parts for 210/15/180 and 250xl's ... ill look and see what i have .. or might have an older version ... From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of John Cocking jcocking95070@... [atlas_radio] <atlas_radio@yahoogroups.com> Sent: Thursday, September 8, 2016 5:30 PM To: atlas_radio@yahoogroups.com Subject: Re: [atlas_radio] Need PC200c Trust me, it is trashed. I really need a replacement. Sent from Yahoo Mail on Android I trashed the PC200C trying to just that. I must replace it. Sent from Yahoo Mail on Android What kind of problem are you seeing? The PC200 board is pretty easy to repair. The most often seen problem is bad caps and the CA3086 IC going bad on one or more sections. 73 Clint W7KEC From: mailto:atlas_radio@yahoogroups.com Sent: Monday, September 5, 2016 7:18 PM To: atlas_radio@yahoogroups.com Subject: [atlas_radio] Need PC200c My Atlas 210x gave up the ghost. I must replace the PC200C. If you have one email me your price & I will Pappal you. 73

1539. Si570 VFO Is Now Ready

Yahoo group: atlas_radio
Date: 2016-11-04 13:26:16 UTC
From: kiheiman@...
Topic: 1539 Message: 1539

The Si570 Atlas 210X/215X VFO kit design is now complete and is ready for production operation. I am in the process of finalizing the engineering installation doc package. In order to get needed parts for the project, one will need to place at least three orders:

Programmed Atlas AVR chip
Available from Ton Blokker (PA0KLT) for 20 Euros (includes shipping).
Ton’s email address is: a.blokker44@quicknet.nl
Payment should be made to Ton’s PayPal account: pa0klt@quicknet.nl
The customer assumes normal shipping risks and any possible custom duties.

Si570 VFO Kit
The basic Si570 VFO Kit is available from SDR-Kits (http://sdr-kits.net)
The kit will not include the AVR chip or the 16x2 LCD display.
The link to the kit is:
http://www.sdr-kits.net/Webshop/products.php?30&cPath=6&osCsid=96rdb5l5ogqi7q10qu0m8vekg0
When ordering, please state in REMARKS column “Heiman Atlas KLT Kit without LCD and AVR”
A price reduction of GBP 10.00 will be applicable to this kit.
Buyers will be asked to pay the full amount for the kit via Paypal, however we will refund GBP 10.00 via Paypal once we receive the order.
It is recommended that one also purchase the following items when making the purchase:
Bourns optical encoder
either SMD Transformer WBC4-1WLB or the Transformer Kit

LCD Display
12x2 and 8x2 backlighted 5 volt LCD displays are available on eBay. The wiring scheme is the same as the 16X2 display that is referenced in the Si570 VFO kit.

Typical eBay sources would be:

http://www.ebay.com/itm/5V-Blue-Character-8x2-LCD-Module-Display-w-Tutorial-HD44780-White-Backlight-/301011084596?hash=item4615a8a534:g:r2QAAOSwdzVXkEZ1 http://www.ebay.com/itm/5V-Blue-Character-8x2-LCD-Module-Display-w-Tutorial-HD44780-White-Backlight-/301011084596?hash=item4615a8a534:g:r2QAAOSwdzVXkEZ1

http://www.ebay.com/itm/5V-12x2-Blue-LCD-Module-Character-Display-w-Tutorial-HD44780-White-Backlight-/291014176633?hash=item43c1cbef79:g:M9UAAMXQWzNSgFY~ http://www.ebay.com/itm/5V-12x2-Blue-LCD-Module-Character-Display-w-Tutorial-HD44780-White-Backlight-/291014176633?hash=item43c1cbef79:g:M9UAAMXQWzNSgFY~

73
Clint
W7KEC

1540. Tech Tip - Si570 VFO Testing

Yahoo group: atlas_radio
Date: 2016-11-04 15:06:54 UTC
From: kiheiman@...
Topic: 1540 Message: 1540

Over the next few weeks, I will be posting some tech tips that might help you with the Si570 VFO implementation in an Atlas 210X/215X radio.

Some users may be scarred away from the Si570 VFO implementation inside the Atlas radio. One can build out the VFO in the recommended Hammond box and breadboard the optical encoder, LCD display, and the control switches. The Si570 VFO signal can be fed into the radio via the accessory socket on the rear of the radio. With this setup, one can fully evaluate the VFO without having to make any changes inside the radio. If the decision is made to not install the VFO in the radio, then the existing VFO package can be turned into a very nice external signal generator.

73
Clint
W7KEC

1541. Re: Si570 VFO Is Now Ready

Yahoo group: atlas_radio
Date: 2016-11-05 13:58:29 UTC
From: georgec@...
Topic: 1539 Message: 1541

Clint, looked around and not quite sure f this...is it made to go inside the 210/215 and repalce existing VFO? Any holes needed to add/enlarge, etc? Neat idea. GeorgeC
W2DB

1542. Re: Si570 VFO Is Now Ready-QUESTIONS

Yahoo group: atlas_radio
Date: 2016-11-08 16:33:16 UTC
From: toledohamradio@...
Topic: 1539 Message: 1542

So, on the 210, 210x, 215, 215x, the big picture is- you trash the big dial/drum, and install this as your new VFO using an optical wheel encoder and add a digital readout for the frequency? How do you do the I.F. offset? Do you have to do any band selection interface? Does it automatically do the USB/LSB per band?
Do you need a separate chip, +board, +display?
Is there a completed Atlas unit with photos?
Thanks,
73,
John

1543. Re: Si570 VFO Is Now Ready

Yahoo group: atlas_radio
Date: 2016-11-13 02:21:13 UTC
From: kiheiman@...
Topic: 1539 Message: 1543

Hi George,

The Si570 VFO is made to go inside the Atlas radio. You would only need to drill a couple of holes in the existing chassis and they are not critical. Once all of the factory VFO parts are removed, you end up with a large number of holes that can be used for the project.

73
Clint
W7KEC

1544. Re: Si570 VFO Is Now Ready-QUESTIONS

Yahoo group: atlas_radio
Date: 2016-11-13 02:27:39 UTC
From: kiheiman@...
Topic: 1539 Message: 1544

Hi John,

You are correct - all factory VFO parts are removed from the radio except for the VFO bandswitch wafers. The IF offset is programmed into the AVR chip - plus offset for 80/40M and minus offset for 20/15/10M (same as original Atlas design). The band selection is done via the VFO bandswitch wafer contacts that are freed up after the VFO parts are removed. There are four freed up set of contacts. One set is used for the bandswitching, two sets are used for the low pass filter switching, and you have one space set. The USB/LSB selection is automatic for each band - same as factory design. The SDR-Kits comes with all parts except the AVR Atlas chip and a LCD display. There are some minor parts that you will need to purchase, depending upon the inventory of your "junk box". I have a very detailed engineering package that I can send to you. It is about 95% complete. I will also have a PDF doc that describes the build process - that doc is about 50% complete.

73
Clint
W7KEC

1545. Instability in PA of 210X

Yahoo group: atlas_radio
Date: 2016-11-13 12:42:56 UTC
From: Peter Schuch
Topic: 1545 Message: 1545

Hello All,

I have been monitoring this group for a few years but this is the first query I have. I learned of this group from WA2VDX.

I've had this 210X for a long time. I keep it as a back-up rig now but it was on the air very often prior to 2003.

More than 20 years ago, I had to replace the finals, Q504 and Q505 (SRF3795's), the driver Q503(2SC799) and just a week ago, I'll call it the pre-driver, Q501(2n3866). Other than repairing the tuning dial drum (the dial label pealed-off when a previous owner had it and the thin plastic around the hub broke-up) it was dependable.

During tx peaks there is an instability of some nature and in CW if I raise the current up to about 8 A, it is also noticeable. And by the way this is into a 50 ohm dummy load so this should not be RFI from an antenna. If anyone has had any experience with this I would greatly appreciate any suggestions.

I will continue troubleshooting and look at the o/p with a spectrum analyzer when I clear away all the junk it is buried under. I'll try to isolate the instability to a particular stage. Maybe the new 2N3866 is hotter than the original one and the entire PA has more gain and with it instability. With an antenna system fed thru a transmatch, the SWR suddenly jumps up suggesting the undesired component is far from the band I am on:) However it is very possible that this instability was present way back and I just never noticed it. I was using a much broader bandwidth antenna before 2003.

Thanks and 73!

Pete, WB2UAQ

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Saturday, November 12, 2016 9:28 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: Si570 VFO Is Now Ready-QUESTIONS

Hi John,

You are correct - all factory VFO parts are removed from the radio except for the VFO bandswitch wafers. The IF offset is programmed into the AVR chip - plus offset for 80/40M and minus offset for 20/15/10M (same as original Atlas design). The band selection is done via the VFO bandswitch wafer contacts that are freed up after the VFO parts are removed. There are four freed up set of contacts. One set is used for the bandswitching, two sets are used for the low pass filter switching, and you have one space set. The USB/LSB selection is automatic for each band - same as factory design. The SDR-Kits comes with all parts except the AVR Atlas chip and a LCD display. There are some minor parts that you will need to purchase, depending upon the inventory of your "junk box". I have a very detailed engineering package that I can send to you. It is about 95% complete. I will also have a

PDF doc that describes the build process - that doc is about 50% complete.

73

Clint

W7KEC

[Non-text portions of this message have been removed]

1546. Re: [atlas_radio] Instability in PA of 210X

Yahoo group: atlas_radio
Date: 2016-11-13 13:24:24 UTC
From: Clint
Topic: 1545 Message: 1546

Do you have a PC-120 board in the unit (1st mixer and IF amp)? The later PC-120 boards had an IF gain adjust pot. The pot had little effect on the RX but could cause all sorts of instability in the TX if it was advanced too far. The normal sign of instability that I have seen from this pot is a constant 1 to 2 amps of idle current in the TX mode on 15/10M.

73
Clint
W7KEC

From: 'Peter Schuch' pschuch@... [atlas_radio]
Sent: Sunday, November 13, 2016 5:42 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Instability in PA of 210X

Hello All,

I have been monitoring this group for a few years but this is the first query I have. I learned of this group from WA2VDX.

I've had this 210X for a long time. I keep it as a back-up rig now but it was on the air very often prior to 2003.

More than 20 years ago, I had to replace the finals, Q504 and Q505 (SRF3795's), the driver Q503(2SC799) and just a week ago, I'll call it the pre-driver, Q501(2n3866). Other than repairing the tuning dial drum (the dial label pealed-off when a previous owner had it and the thin plastic around the hub broke-up) it was dependable.

During tx peaks there is an instability of some nature and in CW if I raise the current up to about 8 A, it is also noticeable. And by the way this is into a 50 ohm dummy load so this should not be RFI from an antenna. If anyone has had any experience with this I would greatly appreciate any suggestions.

I will continue troubleshooting and look at the o/p with a spectrum analyzer when I clear away all the junk it is buried under. I'll try to isolate the instability to a particular stage. Maybe the new 2N3866 is hotter than the original one and the entire PA has more gain and with it instability. With an antenna system fed thru a transmatch, the SWR suddenly jumps up suggesting the undesired component is far from the band I am on:) However it is very possible that this instability was present way back and I just never noticed it. I was using a much broader bandwidth antenna before 2003.

Thanks and 73!

Pete, WB2UAQ

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Saturday, November 12, 2016 9:28 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: Si570 VFO Is Now Ready-QUESTIONS

Hi John,

You are correct - all factory VFO parts are removed from the radio except for the VFO bandswitch wafers. The IF offset is programmed into the AVR chip - plus offset for 80/40M and minus offset for 20/15/10M (same as original Atlas design). The band selection is done via the VFO bandswitch wafer contacts that are freed up after the VFO parts are removed. There are four freed up set of contacts. One set is used for the bandswitching, two sets are used for the low pass filter switching, and you have one space set. The USB/LSB selection is automatic for each band - same as factory design. The SDR-Kits comes with all parts except the AVR Atlas chip and a LCD display. There are some minor parts that you will need to purchase, depending upon the inventory of your "junk box". I have a very detailed engineering package that I can send to you. It is about 95% complete. I will also have a PDF doc that describes the build process - that doc is about 50% complete.

73

Clint

W7KEC

[Non-text portions of this message have been removed]

1547. RE: [atlas_radio] Instability in PA of 210X

Yahoo group: atlas_radio
Date: 2016-11-13 16:05:55 UTC
From: Peter Schuch
Topic: 1545 Message: 1547

Thanks Clint!

I'll check the PC-120 bd (which it has). I might have seen a little higher idling current. Isn't 1 A about right for PA bias?

I have only used 75 meters so far and I should check the other bands now. The mic gain is nearly at zero to get full PEP output and full cw power. The receiver is plenty hot to lose a little gain.

I have to say that the construction of this one seems pretty sloppy. It is normal to have so many parts "tacked" on here and there?

I also noticed a few disagreements between the schematic and what is actually present. The only PCB assy that I have pulled so far is the PC-200 that is under the drum. I was following the circuit to see how the mixer was unbalanced for CW mode.

73,

Pete

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Sunday, November 13, 2016 8:24 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Instability in PA of 210X

Do you have a PC-120 board in the unit (1st mixer and IF amp)? The later PC-120 boards had an IF gain adjust pot. The pot had little effect on the RX but could cause all sorts of instability in the TX if it was advanced too far. The normal sign of instability that I have seen from this pot is a constant 1 to 2 amps of idle current in the TX mode on 15/10M.

73

Clint

W7KEC

From: 'Peter Schuch' pschuch@... [atlas_radio]

Sent: Sunday, November 13, 2016 5:42 AM

To: atlas_radio@yahoogroups.com

Subject: [atlas_radio] Instability in PA of 210X

Hello All,

I have been monitoring this group for a few years but this is the first query I have. I learned of this group from WA2VDX.

I’ve had this 210X for a long time. I keep it as a back-up rig now but it was on the air very often prior to 2003.

More than 20 years ago, I had to replace the finals, Q504 and Q505 (SRF3795’s), the driver Q503(2SC799) and just a week ago, I’ll call it the pre-driver, Q501(2n3866). Other than repairing the tuning dial drum (the dial label pealed-off when a previous owner had it and the thin plastic around the hub broke-up) it was dependable.

During tx peaks there is an instability of some nature and in CW if I raise the current up to about 8 A, it is also noticeable. And by the way this is into a 50 ohm dummy load so this should not be RFI from an antenna. If anyone has had any experience with this I would greatly appreciate any suggestions.

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Thanks and 73!

Pete, WB2UAQ

From: atlas_radio@yahoogroups.com [mailto:atlas_radio@yahoogroups.com]
Sent: Saturday, November 12, 2016 9:28 PM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Re: Si570 VFO Is Now Ready-QUESTIONS

Hi John,

You are correct - all factory VFO parts are removed from the radio except for the VFO bandswitch wafers. The IF offset is programmed into the AVR chip - plus offset for 80/40M and minus offset for 20/15/10M (same as original Atlas design). The band selection is done via the VFO bandswitch wafer contacts that are freed up after the VFO parts are removed. There are four freed up set of contacts. One set is used for the bandswitching, two sets are used for the low pass filter switching, and you have one space set. The USB/LSB selection is automatic for each band - same as factory design. The SDR-Kits comes with all parts except the AVR Atlas chip and a LCD display. There are some minor parts that you will need to purchase, depending upon the inventory of your "junk box". I have a very detailed engineering package that I can send to you. It is about 95% complete. I will also have a PDF doc that describes the build process - that doc is about 50% complete.

73

Clint

W7KEC

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[Non-text portions of this message have been removed]

1548. Atlas 215 deaf on 20m

Yahoo group: atlas_radio
Date: 2016-11-14 16:03:53 UTC
From: toledohamradio@...
Topic: 1548 Message: 1548

Hi,
Have a vintage 215 rig. Compromise sloper antenna with two inline coils just 20' up.
I can receive (using an old outboard tuner) on 160m, transmit about 30w on 75/80m and on 40m, but it is deaf on 20m other than some sort of a 'birdie' 3 different places up and down the tuning band. I always thought maybe it was my antenna, but if it works on 40, it most certainly should work on 20m? Any suggestions why I'm not receiving any amateur traffic on 20m and 15 meters? Rig rather than antenna?
73
John

1549. Re: Si570 VFO Is Now Ready-QUESTIONS

Yahoo group: atlas_radio
Date: 2016-11-14 16:06:41 UTC
From: toledohamradio@...
Topic: 1539 Message: 1549

HI Clint,
I would appreciate a copy of the pdf for the VFO when it's available.
73
John

1550. Re: [atlas_radio] Atlas 215 deaf on 20m

Yahoo group: atlas_radio
Date: 2016-11-14 19:18:45 UTC
From: Clint
Topic: 1548 Message: 1550

Hi John,

It could be just dead bands. At my location, 20M and 15M is dead all of the time. The strong birdies on 20M are normal. The best way to check the receiver is to use some sort of signal generator to inject a signal into the radio. The absolute accuracy is not important as long as you can inject a weak signal on 40M and 20M. If you can hear the signal on both bands, that pretty much confirms that the receiver is mostly working, but could be degraded if the unit is out of tune.

73
Clint
W7KEC

From: toledohamradio@... [atlas_radio]
Sent: Monday, November 14, 2016 9:03 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] Atlas 215 deaf on 20m

Hi,

Have a vintage 215 rig. Compromise sloper antenna with two inline coils just 20' up.

I can receive (using an old outboard tuner) on 160m, transmit about 30w on 75/80m and on 40m, but it is deaf on 20m other than some sort of a 'birdie' 3 different places up and down the tuning band. I always thought maybe it was my antenna, but if it works on 40, it most certainly should work on 20m? Any suggestions why I'm not receiving any amateur traffic on 20m and 15 meters? Rig rather than antenna?

73

John

1551. Re: [atlas_radio] Atlas 215 deaf on 20m

Yahoo group: atlas_radio
Date: 2016-11-14 19:55:07 UTC
From: Jeff Crilly
Topic: 1548 Message: 1551

IIRC there is a beacon around 14100, so i ~think~ you should hear that.
There should be something on 20meters during the day, and 40 at night.

My guess is it would be bandswitch contacts.

I have a vintage 215x and the switches were really bad.. lots of noise when
switching. IIRC i had to fiddle with the bandswitch sometimes to get it
to make contact.

I ended up using "deoxit" on a cotton swab to lube the bandswitch contacts
(I didnt want spray deoxit in the chassis).

Ideally, if you had another HF transmitter, you could put the "working"
transmitter on a dummy load and test.

On Mon, Nov 14, 2016 at 8:03 AM, toledohamradio@... [atlas_radio] <
atlas_radio@yahoogroups.com> wrote:

>
>
> Hi,
>
> Have a vintage 215 rig. Compromise sloper antenna with two inline coils
> just 20' up.
>
> I can receive (using an old outboard tuner) on 160m, transmit about 30w on
> 75/80m and on 40m, but it is deaf on 20m other than some sort of a 'birdie'
> 3 different places up and down the tuning band. I always thought maybe it
> was my antenna, but if it works on 40, it most certainly should work on
> 20m? Any suggestions why I'm not receiving any amateur traffic on 20m and
> 15 meters? Rig rather than antenna?
>
> 73
>
> John
>
>
>

1552. Re: [atlas_radio] Atlas 215 deaf on 20m

Yahoo group: atlas_radio
Date: 2016-11-15 00:13:48 UTC
From: Bill Cromwell
Topic: 1548 Message: 1552

Hi John,

Those higher bands use a different xtal for the carrier generator to get them on USB. Try those bands with 'Opposite' sideband selected. SSB signals will not be intelligible (wrong sideband) but they should be there along with CW. If that brings the receiver up on those bands then you have found the source of your problem.

73,

Bill KU8H

On 11/14/2016 11:03 AM, toledohamradio@... [atlas_radio] wrote:
>
> Hi,
>
> Have a vintage 215 rig. Compromise sloper antenna with two inline
> coils just 20' up.
>
> I can receive (using an old outboard tuner) on 160m, transmit about
> 30w on 75/80m and on 40m, but it is deaf on 20m other than some sort
> of a 'birdie' 3 different places up and down the tuning band. I always
> thought maybe it was my antenna, but if it works on 40, it most
> certainly should work on 20m? Any suggestions why I'm not receiving
> any amateur traffic on 20m and 15 meters? Rig rather than antenna?
>
> 73
>
> John
>
>

--
bark less - wag more

1553. Re: [atlas_radio] Atlas 215 deaf on 20m

Yahoo group: atlas_radio
Date: 2016-11-15 00:43:52 UTC
From: Bill Cromwell
Topic: 1548 Message: 1553

Hi,

After I replied I said to myself "oy?" I looked again and I had the carrier oscillator in the Atlas radios confused with something else. Using that 'opposite' sideband switch is not likely to prove anything. Look at the other replies you have.

Do you have a half decent signal generator just in case the bands are actually dead (as in another reply) so you know there is at least *one* good signal on the bands?

Good luck with your 215.

73,

Bill KU8H

Atlas 180

--
bark less - wag more

1554. Re: [atlas_radio] Atlas 215 deaf on 20m

Yahoo group: atlas_radio
Date: 2016-11-14 20:29:46 UTC
From: rik360
Topic: 1548 Message: 1554

I have the exact same problem with my 210x.Have cleaned everything but no fix yet

Sent from my Sprint Samsung Galaxy S7.Rick Jarka
-------- Original message --------From: "Jeff Crilly jeffcrilly@gmail.com [atlas_radio]" <atlas_radio@yahoogroups.com> Date: 11/14/16 13:55 (GMT-06:00) To: atlas_radio@yahoogroups.com Subject: Re: [atlas_radio] Atlas 215 deaf on 20m

IIRC there is a beacon around 14100, so i ~think~ you should hear that. There should be something on 20meters during the day, and 40 at night.
My guess is it would be bandswitch contacts.
I have a vintage 215x and the switches were really bad.. lots of noise when switching.
IIRC i had to fiddle with the bandswitch sometimes to get it to make contact.
I ended up using "deoxit" on a cotton swab to lube the bandswitch contacts (I didnt want spray deoxit in the chassis).
Ideally, if you had another HF transmitter, you could put the "working" transmitter on a dummy load and test.

On Mon, Nov 14, 2016 at 8:03 AM, toledohamradio@yahoo.com [atlas_radio] <atlas_radio@yahoogroups.com> wrote:

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1555. Re: [atlas_radio] Atlas 215 deaf on 20m

Yahoo group: atlas_radio
Date: 2016-11-15 01:31:53 UTC
From: rik360@...
Topic: 1548 Message: 1555

I have the same issue with my 210x. 80 and 40. Strong signals. 20 and 15 can hear signals but little or no S meter deflection.
Have not figured it out yet but all switches and connectors have been cleaned.
Rick.
K9AMB

1556. Re: [atlas_radio] Atlas 215 deaf on 20m

Yahoo group: atlas_radio
Date: 2016-11-15 16:21:35 UTC
From: MIKE DURKIN
Topic: 1548 Message: 1556

Both these radios make full power on 20/15m ?

_____
From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of rik360@...
[atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Monday, November 14, 2016 5:31 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 215 deaf on 20m

I have the same issue with my 210x. 80 and 40. Strong signals. 20 and 15 can hear signals but little or no S meter deflection.
Have not figured it out yet but all switches and connectors have been cleaned.
Rick.
K9AMB

1557. Re: [atlas_radio] Atlas 215 deaf on 20m

Yahoo group: atlas_radio
Date: 2016-11-16 08:28:14 UTC
From: Clint
Topic: 1548 Message: 1557

Another good check point for verifying receiver sensitivity is to use the built-in crystal calibrator on the radio. The calibrator signal is fed onto the same line as the input to the receiver band pass filters. The signal should be very strong on all bands, with the level being around S9+ on 80M and going down to around S3 – S4 on 10M. The actual readings depend upon the calibration of your S meter, but the audio level should be strong on all bands. I have seen dirty band-switch contacts that can add up to 100 ohms of series resistance to the receiver antenna line. In the Engineering document posted under the files area, there is a section in the doc (page 6 under “dirty switch contacts”) that describes the process of checking for dirty contacts and opens between the antenna receive port and the input to the PC120 board.

73
Clint
W7KEC

From: rik360@sbcglobal.net [atlas_radio]
Sent: Monday, November 14, 2016 6:31 PM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] Atlas 215 deaf on 20m

I have the same issue with my 210x. 80 and 40. Strong signals. 20 and 15 can hear signals but little or no S meter deflection.
Have not figured it out yet but all switches and connectors have been cleaned.
Rick.
K9AMB

1558. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2016-11-18 15:41:38 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1558

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Si570 VFO Engineering Package.pdf
Uploaded by : kiheiman_98 <kiheiman@...>
Description : Engineering details for installing a Si570 VFO inside an Atlas radio.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Si570%20VFO%20Engineering%20Package.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

kiheiman_98 <kiheiman@...>

1559. Si570 VFO Engineering Package

Yahoo group: atlas_radio
Date: 2016-11-18 15:49:15 UTC
From: kiheiman@...
Topic: 1559 Message: 1559

I have uploaded the Si570 VFO Engineering Package to the files section. This doc will hopefully provide enough info so that one can complete the Si570 VFO project. Please let me know if you feel that additional details are needed. I am in the process of completing a step-by-step document for the implementation.

73
Clint
W7KEC

1560. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2016-12-02 20:52:26 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1560

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 210X Panadapter.pdf
Uploaded by : kiheiman_98 <kiheiman@...>
Description : Document describes the installation and configuration of a panadapter for 210X/215X radio.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas%20210X%20Panadapter.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

kiheiman_98 <kiheiman@...>

1561. Panadapter Document

Yahoo group: atlas_radio
Date: 2016-12-02 20:58:22 UTC
From: kiheiman@...
Topic: 1561 Message: 1561

I have uploaded a PDF doc to the files section that provides details for the installation and configuration of a panadapter using SDRPlan and HDSDR.

1562. Replacement driver transistors for 210 etc.

Yahoo group: atlas_radio
Date: 2016-12-10 13:08:58 UTC
From: Jim Strohm
Topic: 1562 Message: 1562

Hi all

I noticed last night that Dan's Small Parts and Kits

<http://danssmallpartsandkits.net>

has 2SC799s for $3.85 each. These are the same form factor for the unobtainium RCA Atlas driver transistors, and just need a little re-biasing to work.

Dan's ships free if you buy more than $50 and ship to a USA address AND pre-pay with a USPS money order. Otherwise, he ships at USPS Priority Mail cost, which costs some outrageous amount like $15.

So if you have the time to navigate his website, and can find enough other goodies to get up over $50., you might consider this option to replace drivers. For my part, I can never get away from there without spending a benjamin.

For overseas customers, Dan's won't ship outside the US, but if you need a few driver transistors, drop me an email off-list and I'll see what I can do for you. No promises -- and the cost to mail overseas has skyrocketed the last few years.

Like I told a postal worker last week, "I sure wish my paycheck went up as fast as your rates do!"

73
Jim N6OTQ

1563. Re: Replacement driver transistors for 210 etc.

Yahoo group: atlas_radio
Date: 2016-12-11 13:50:06 UTC
From: Jim Chaggaris
Topic: 1562 Message: 1563

You can also get an NTE237 which is an exact replacement.

73,
Jim N9WW

Sent from my iPad Air2

1564. Re: [atlas_radio] Re: Replacement driver transistors for 210 etc.

Yahoo group: atlas_radio
Date: 2016-12-11 15:47:14 UTC
From: Jim Strohm
Topic: 1562 Message: 1564

Yes, and the historical problem with NTE parts is that they are very indiscriminate about initial selection and subsequent device testing. So at DC or audio, the ratings are probably close to actual device specs. Go up to the actual working frequency .... maybe not so much.

Plus there is the issue of cost. Historically, NTE parts have cost about 10 times what the real parts cost. And personally, I've never had an NTE part work the way the original did.

Your mileage may vary.

73
Jim N6OTQ

On Sun, Dec 11, 2016 at 7:50 AM, Jim Chaggaris jimc@...
[atlas_radio] <atlas_radio@yahoogroups.com> wrote:

> You can also get an NTE237 which is an exact replacement.
>
>
> 73,
> Jim N9WW
>
>

1565. Re: [atlas_radio] Re: Replacement driver transistors for 210 etc.

Yahoo group: atlas_radio
Date: 2016-12-11 17:10:56 UTC
From: JACK BREWER
Topic: 1562 Message: 1565

I have used ECG and NTE parts for over 40 years and NEVER had a problem. BUT, I do look at all the specs on a replacement in the NTE book including frequency specs and limits.Jack WA3VZK

On Sunday, December 11, 2016 10:39 AM, "Jim Chaggaris jimc@... [atlas_radio]" <atlas_radio@yahoogroups.com> wrote:

> You can also get an NTE237 which is an exact replacement.

73,
Jim N9WW

Sent from my iPad Air2

1566. Re: [atlas_radio] 215x power output?

Yahoo group: atlas_radio
Date: 2016-12-24 01:39:16 UTC
From: k6koi@...
Topic: 1521 Message: 1566

Jim, I just got a 215X and it has low (40W +/-) output on 40 meters. I would like to align the TX traps, but at this stage of familiarity, I am having difficulty locating the TX bandpass filter board. Is there info in this Group that shows the location of the various PC boards? That would certainly save me some time.

1567. Re: [atlas_radio] 215x power output?

Yahoo group: atlas_radio
Date: 2016-12-24 02:28:04 UTC
From: Jim Strohm
Topic: 1521 Message: 1567

I don't think there's anything as detailed as what I'd write (or would have, since I was just starting my professional career as a tech writer when the Atlas 21x line came out), but the owner's manual is in the files section as well as a little bit of other stuff, and it's a pretty straightforward rig to work on.

IIRC the band filters etc. are all on their own boards, and it's simple enough to make a card extender to assist with service. The only "unobtainium" part nowadays is the card edge connector. The rest, you can etch from double-sided copper PCB and use a magic marker as a resist pen.

Know that you've basically got a 50-year-old radio in your hands, and it's likeliest that one of the capacitors in the 40M TX circuit has drifted in value, or failed from whiskering. Trust but verify by testing components out-of-circuit when you can.

And if you have access to a similar 21x with good 40M power, you might try board-swapping to determine the general location of the fault.

Most of us in this group have more than one 21x, and if you get yours halfway working, you'll wind up with more than one as well.

This radio is kind of the '57 Chevy of ham radio.

73 and MERRY CHRISTMAS
Jim N6OTQ

On Fri, Dec 23, 2016 at 7:39 PM, k6koi@... [atlas_radio] <
atlas_radio@yahoogroups.com> wrote:

>
>
> Jim, I just got a 215X and it has low (40W +/-) output on 40 meters. I
> would like to align the TX traps, but at this stage of familiarity, I am
> having difficulty locating the TX bandpass filter board. Is there info in
> this Group that shows the location of the various PC boards? That would
> certainly save me some time.
>
>
>
>
>
>

1568. 180 lives again

Yahoo group: atlas_radio
Date: 2016-12-24 02:51:39 UTC
From: Bill Cromwell
Topic: 1568 Message: 1568

Hi,

I got the old 180 working again. I need the connectors and cables and other goodies to incorporate it into the ham station but with alligator clip leads here, there, and everywhere it finally works. The CW offset was the last thing to get working and that turns out to be an open C609 on the carrier oscillator board. Now I have the appropriate 600 cycle shift for transmit in the CW mode. In spite of everything haywired (just for testing) I have been listening daily. NO! I won't try to have a QSO with all that junk dangling here and there - evil grin. Been there and done that. Never again.

I just cannot believe I don't have even one two-circuit, 1/4 inch plug for the mic connector!

--
bark less - wag more

1569. Re: [atlas_radio] 215x power output?

Yahoo group: atlas_radio
Date: 2016-12-24 11:56:01 UTC
From: jimc@...
Topic: 1521 Message: 1569

Contact John WA1ESO. He makes extender boards for Atlas and other radios. He sells them on Ebay and also has a website.

Atlas 180/210/215/350 Extender Board Riser KIT FORM | eBay http://www.ebay.com/itm/Atlas-180-210-215-350-Extender-Board-Riser-KIT-FORM-/322331643897?hash=item4b0c768ff9:g:2YsAAOxyoahSUyQ-

http://www.ebay.com/itm/Atlas-180-210-215-350-Extender-Board-Riser-KIT-FORM-/322331643897?hash=item4b0c768ff9:g:2YsAAOxyoahSUyQ-

Atlas 180/210/215/350 Extender Board Riser KIT... http://www.ebay.com/itm/Atlas-180-210-215-350-Extender-Board-Riser-KIT-FORM-/322331643897?hash=item4b0c768ff9:g:2YsAAOxyoahSUyQ-
NOTE: I can custom make almost any extender board. With basic information about the extender you need I can program the automated CNC machine ...

View on www.ebay.com http://www.ebay.com/itm/Atlas-180-210-215-350-Extender-Board-Riser-KIT-FORM-/322331643897?hash=item4b0c768ff9:g:2YsAAOxyoahSUyQ-
Preview by Yahoo

73,
Jim N9WW

1570. Seasons greetings

Yahoo group: atlas_radio
Date: 2016-12-25 16:58:00 UTC
From: Jim Strohm
Topic: 1570 Message: 1570

MERRY CHRISTMAS!!

Jim N6OTQ

1571. Re: [atlas_radio] 215x power output?

Yahoo group: atlas_radio
Date: 2016-12-25 17:33:00 UTC
From: k6koi@...
Topic: 1521 Message: 1571

Thank you Jim! I do need to get to PC 900 while in circuit as I've traced my problem to the TX input/output filters on that board. This seems like a very useful community. I've been a member of the group for some time but inactive until now.

I soon will be getting two more of the smaller Atlas', non of them working, so I will be busy.

I also have an Atlas 350XL in good working condition and a Cubic Astro 103 I regularly use on CW.

1572. Tales from the crypt - 180

Yahoo group: atlas_radio
Date: 2016-12-29 04:42:19 UTC
From: Bill Cromwell
Topic: 1572 Message: 1572

Hi,

I have been chasing my tail around the audio board and the LM380 because I have an intermittent audio oscillation. Even when it is making that extra sound I can still hear weak DX on 160 and 80 meters. But it's terribly annoying and not supposed to be there (sounds like crickets singing the anvil chorus).

Tonight I pulled the board yet another time and put bright lights on it and used my biggest magnifying glass - looking and prodding for a loose solder joint or some such. Golly..there is a crack on the CA3086 that bears the audio preamp! You might know I don't have one in the junk boxes (actually drawers and bead boxes). I have some more parts on order and I will just go ahead and listen to the radio while I wait for the new parts to arrive. Now that I know the source of trouble I can pretty much ignore it for a little while. I'm amazed the preamp still amplifies. I'll report back when I get the replacement installed.

73,

Bill KU8H

--
bark less - wag more

1573. 180 - audio trouble

Yahoo group: atlas_radio
Date: 2016-12-29 12:47:30 UTC
From: Bill Cromwell
Topic: 1573 Message: 1573

Hi,

I reported finding a cracked CA3086 transistor array IC. I had looked online and saw several places that list that chip. But when I logged on to order they tell me it is obsolete and they are out of stock. Oy! Apparently a CA3046 is more available and might be an "improved" version that can substitute for the CA3086. Have any of you replaced a CA3086 with a CA 3046? I will resume my hunt for a replacement part today. I hope we don't have to redesign a complete PC300 board using SMD parts or something. I can still get brand new parts for my Johnson Ranger but not for an early 70s Atlas? I suppose I will be obsolete, discontinued, and out of stock soon enough, too.

73,

Bill KU8H

--
bark less - wag more

1574. Re: [atlas_radio] 180 - audio trouble

Yahoo group: atlas_radio
Date: 2016-12-29 12:59:54 UTC
From: Clint
Topic: 1573 Message: 1574

Jameco used to carry the part.

73
Clint
W7KEC

From: Bill Cromwell wrcromwell@... [atlas_radio]
Sent: Thursday, December 29, 2016 5:47 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] 180 - audio trouble

Hi,

I reported finding a cracked CA3086 transistor array IC. I had looked online and saw several places that list that chip. But when I logged on to order they tell me it is obsolete and they are out of stock. Oy! Apparently a CA3046 is more available and might be an "improved" version that can substitute for the CA3086. Have any of you replaced a CA3086 with a CA 3046? I will resume my hunt for a replacement part today. I hope we don't have to redesign a complete PC300 board using SMD parts or something. I can still get brand new parts for my Johnson Ranger but not for an early 70s Atlas? I suppose I will be obsolete, discontinued, and out of stock soon enough, too.

73,

Bill KU8H

--
bark less - wag more

1575. remplacement du CA-3086

Yahoo group: atlas_radio
Date: 2016-12-29 13:21:32 UTC
From: Michel MNR
Topic: 1575 Message: 1575

si on ne trouve pas encore un CA-3086 on peut le remplacer en câblant à son emplacement des transistors 2N2222, cela fonctionne très bien.73's Michel F6FSC

1576. Re: [atlas_radio] 180 - audio trouble

Yahoo group: atlas_radio
Date: 2016-12-29 14:32:15 UTC
From: Jim Strohm
Topic: 1573 Message: 1576

IIRC the Atlas uses only three of the four transistors in the CA3086. So
if you could find an array with the same three-transisor configuration, it
could be wired in place.

Alternatively, you can wire in three discrete transistors, but I'd urge you
to get new devices from the same batch lot, and manually match them.

73
Jim N6OTQ

On Thu, Dec 29, 2016 at 6:47 AM, Bill Cromwell wrcromwell@...
[atlas_radio] <atlas_radio@yahoogroups.com> wrote:

> Hi,
>
> I reported finding a cracked CA3086 transistor array IC. I had looked
> online and saw several places that list that chip. But when I logged on
> to order they tell me it is obsolete and they are out of stock. Oy!
> Apparently a CA3046 is more available and might be an "improved" version
> that can substitute for the CA3086. Have any of you replaced a CA3086
> with a CA 3046? I will resume my hunt for a replacement part today. I
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> something. I can still get brand new parts for my Johnson Ranger but not
> for an early 70s Atlas? I suppose I will be obsolete, discontinued, and
> out of stock soon enough, too.
>
> 73,
>
> Bill KU8H
>
> --
> bark less - wag more
>

1577. Re: [atlas_radio] 180 - audio trouble

Yahoo group: atlas_radio
Date: 2016-12-29 15:58:38 UTC
From: Stroppel, Galo J
Topic: 1573 Message: 1577

Did you look up a substitute in NTE? I know that a few here find their parts over priced and no not fit all aplications. But may work here. I find a NTE912 listed as sub.
John
wa0vyz

Get Outlook for Android<https://aka.ms/ghei36>

_____
From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of Bill Cromwell wrcromwell@...m [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Thursday, December 29, 2016 6:47:30 AM
To: atlas_radio@yahoogroups.com
Subject: [atlas_radio] 180 - audio trouble

Hi,

I reported finding a cracked CA3086 transistor array IC. I had looked online and saw several places that list that chip. But when I logged on to order they tell me it is obsolete and they are out of stock. Oy! Apparently a CA3046 is more available and might be an "improved" version that can substitute for the CA3086. Have any of you replaced a CA3086 with a CA 3046? I will resume my hunt for a replacement part today. I hope we don't have to redesign a complete PC300 board using SMD parts or something. I can still get brand new parts for my Johnson Ranger but not for an early 70s Atlas? I suppose I will be obsolete, discontinued, and out of stock soon enough, too.

73,

Bill KU8H

--
bark less - wag more

1578. Re: [atlas_radio] 180 - audio trouble

Yahoo group: atlas_radio
Date: 2016-12-29 16:31:02 UTC
From: Bill Cromwell
Topic: 1573 Message: 1578

Thanks John,

The most important feature of the CA3086 is that common emitter pair and the balance that is obtained with them on the same substrate. The frequency bandwidth this chip accomplishes is not needed since is used entirely at audio. Other suggestions have included using discrete transistors and paying attention to matching. That would be my last resort. I think I found a place that has them under two dollars each (used to be pennies) and I will have time to search further later today when I get back home.

I will also look up that NTE912. Thanks again and happy new year to you and all the helpful people in this group.

73,

Bill KU8H

On 12/29/2016 10:58 AM, 'Stroppel, Galo J' galo-stroppel@... [atlas_radio] wrote:
>
> Did you look up a substitute in NTE? I know that a few here find their
> parts over priced and no not fit all aplications. But may work here. I
> find a NTE912 listed as sub.
> John
> wa0vyz
>
> Get Outlook for Android <https://aka.ms/ghei36>
>
> ---
> *From:* atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on
> behalf of Bill Cromwell wrcromwell@... [atlas_radio]
> <atlas_radio@yahoogroups.com>
> *Sent:* Thursday, December 29, 2016 6:47:30 AM
> *To:* atlas_radio@yahoogroups.com
> *Subject:* [atlas_radio] 180 - audio trouble
>
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> I reported finding a cracked CA3086 transistor array IC. I had looked
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>
> 73,
>
> Bill KU8H
>
> --
> bark less - wag more
>
>

--
bark less - wag more

1579. Re: [atlas_radio] 180 - audio trouble

Yahoo group: atlas_radio
Date: 2016-12-29 17:07:16 UTC
From: Clint
Topic: 1573 Message: 1579

Jameco has the CA3086 on eBay for $6 for two (includes shipping). The chips used to be about $1.50, but that is still not a bad price.

73
Clint
W7KEC

-----Original Message-----
From: Bill Cromwell wrcromwell@... [atlas_radio]
Sent: Thursday, December 29, 2016 9:31 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] 180 - audio trouble

Thanks John,

The most important feature of the CA3086 is that common emitter pair and the balance that is obtained with them on the same substrate. The frequency bandwidth this chip accomplishes is not needed since is used entirely at audio. Other suggestions have included using discrete transistors and paying attention to matching. That would be my last resort. I think I found a place that has them under two dollars each (used to be pennies) and I will have time to search further later today when I get back home.

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73,

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> *From:* atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on
> behalf of Bill Cromwell wrcromwell@... [atlas_radio]
> <atlas_radio@yahoogroups.com>
> *Sent:* Thursday, December 29, 2016 6:47:30 AM

> *To:* atlas_radio@yahoogroups.com
> *Subject:* [atlas_radio] 180 - audio trouble
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>
> 73,
>
> Bill KU8H
>
> --
> bark less - wag more
>
>

--
bark less - wag more

Yahoo Groups Links

1580. Re: [atlas_radio] 180 - audio trouble

Yahoo group: atlas_radio
Date: 2016-12-29 17:21:59 UTC
From: MIKE DURKIN
Topic: 1573 Message: 1580

I think i have a few NTE912's un-opened ..... id haft to look ....

From: atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on behalf of Bill Cromwell wrcromwell@... [atlas_radio] <atlas_radio@yahoogroups.com>
Sent: Thursday, December 29, 2016 8:31 AM
To: atlas_radio@yahoogroups.com
Subject: Re: [atlas_radio] 180 - audio trouble

Thanks John,

The most important feature of the CA3086 is that common emitter pair and the balance that is obtained with them on the same substrate. The frequency bandwidth this chip accomplishes is not needed since is used entirely at audio. Other suggestions have included using discrete transistors and paying attention to matching. That would be my last resort. I think I found a place that has them under two dollars each (used to be pennies) and I will have time to search further later today when I get back home.

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> John
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[http://www.microsoft.com/en-us/outlook-com/img/Outlook_Facebook_Icon-2927f4df28.jpg]<https://aka.ms/ghei36>

Check out Outlook.com - free, personal email from Microsoft.<https://aka.ms/ghei36>
aka.ms
Take your email anywhere you go when you add your free, personal, Outlook.com webmail to your Android, iPhone, or Windows mobile devices. Send and receive messages with mobile mail from Outlook.com

>
> ---
> *From:* atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on
> behalf of Bill Cromwell wrcromwell@... [atlas_radio]
> <atlas_radio@yahoogroups.com>
> *Sent:* Thursday, December 29, 2016 6:47:30 AM
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> *Subject:* [atlas_radio] 180 - audio trouble
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> for an early 70s Atlas? I suppose I will be obsolete, discontinued, and
> out of stock soon enough, too.
>
> 73,
>
> Bill KU8H
>
> --
> bark less - wag more
>
>

--
bark less - wag more

Yahoo Groups Links

1581. Re: [atlas_radio] 180 - audio trouble

Yahoo group: atlas_radio
Date: 2016-12-30 00:26:48 UTC
From: Bill Cromwell
Topic: 1573 Message: 1581

Thanks Clint,

I'm going to Jameco right now.

73,

Bill KU8H

On 12/29/2016 12:07 PM, 'Clint' kiheiman@... [atlas_radio] wrote:
> Jameco has the CA3086 on eBay for $6 for two (includes shipping). The chips
> used to be about $1.50, but that is still not a bad price.
>
> 73
> Clint
> W7KEC
>
> -----Original Message-----
> From: Bill Cromwell wrcromwell@... [atlas_radio]
> Sent: Thursday, December 29, 2016 9:31 AM
> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] 180 - audio trouble
>
> Thanks John,
>
> The most important feature of the CA3086 is that common emitter pair and
> the balance that is obtained with them on the same substrate. The
> frequency bandwidth this chip accomplishes is not needed since is used
> entirely at audio. Other suggestions have included using discrete
> transistors and paying attention to matching. That would be my last
> resort. I think I found a place that has them under two dollars each
> (used to be pennies) and I will have time to search further later today
> when I get back home.
>
> I will also look up that NTE912. Thanks again and happy new year to you
> and all the helpful people in this group.
>
> 73,
>
> Bill KU8H
>
> On 12/29/2016 10:58 AM, 'Stroppel, Galo J' galo-stroppel@...
> [atlas_radio] wrote:
>> Did you look up a substitute in NTE? I know that a few here find their
>> parts over priced and no not fit all aplications. But may work here. I
>> find a NTE912 listed as sub.
>> John

>> wa0vyz
>>
>> Get Outlook for Android <https://aka.ms/ghei36>
>>
>> ---
>> *From:* atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on
>> behalf of Bill Cromwell wrcromwell@... [atlas_radio]
>> <atlas_radio@yahoogroups.com>
>> *Sent:* Thursday, December 29, 2016 6:47:30 AM
>> *To:* atlas_radio@yahoogroups.com
>> *Subject:* [atlas_radio] 180 - audio trouble
>>
>> Hi,
>>
>> I reported finding a cracked CA3086 transistor array IC. I had looked
>> online and saw several places that list that chip. But when I logged on
>> to order they tell me it is obsolete and they are out of stock. Oy!
>> Apparently a CA3046 is more available and might be an "improved" version
>> that can substitute for the CA3086. Have any of you replaced a CA3086
>> with a CA 3046? I will resume my hunt for a replacement part today. I
>> hope we don't have to redesign a complete PC300 board using SMD parts or
>> something. I can still get brand new parts for my Johnson Ranger but not
>> for an early 70s Atlas? I suppose I will be obsolete, discontinued, and
>> out of stock soon enough, too.
>>
>> 73,
>>
>> Bill KU8H
>>
>> --
>> bark less - wag more
>>
>>

--
bark less - wag more

1582. Re: [atlas_radio] 180 - audio trouble

Yahoo group: atlas_radio
Date: 2016-12-30 00:43:44 UTC
From: Bill Cromwell
Topic: 1573 Message: 1582

I have them coming Clint. The price each was a little lower and the
postage made the order just a little higher. I used to order quite a bit
from Jameco and I don't know why I coasted to a stop. I did intend to
have a look there tonight. Now that is all taken care of. Later I'll
browse there and see what else I didn't realize I need - evil grin.

73,

Bill KU8H

On 12/29/2016 12:07 PM, 'Clint' kiheiman@... [atlas_radio] wrote:
> Jameco has the CA3086 on eBay for $6 for two (includes shipping). The chips
> used to be about $1.50, but that is still not a bad price.
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> 73
> Clint
> W7KEC
>
> -----Original Message-----
> From: Bill Cromwell wrcromwell@... [atlas_radio]
> Sent: Thursday, December 29, 2016 9:31 AM
> To: atlas_radio@yahoogroups.com
> Subject: Re: [atlas_radio] 180 - audio trouble
>
> Thanks John,
>
> The most important feature of the CA3086 is that common emitter pair and
> the balance that is obtained with them on the same substrate. The
> frequency bandwidth this chip accomplishes is not needed since is used
> entirely at audio. Other suggestions have included using discrete
> transistors and paying attention to matching. That would be my last
> resort. I think I found a place that has them under two dollars each
> (used to be pennies) and I will have time to search further later today
> when I get back home.
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> I will also look up that NTE912. Thanks again and happy new year to you
> and all the helpful people in this group.
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> 73,
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> Bill KU8H
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> On 12/29/2016 10:58 AM, 'Stroppel, Galo J' galo-stroppel@...
> [atlas_radio] wrote:
>> Did you look up a substitute in NTE? I know that a few here find their
>> parts over priced and no not fit all aplications. But may work here. I

>> find a NTE912 listed as sub.
>> John
>> wa0vyz
>>
>> Get Outlook for Android <https://aka.ms/ghei36>
>>
>> ---
>> *From:* atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on
>> behalf of Bill Cromwell wrcromwell@... [atlas_radio]
>> <atlas_radio@yahoogroups.com>
>> *Sent:* Thursday, December 29, 2016 6:47:30 AM
>> *To:* atlas_radio@yahoogroups.com
>> *Subject:* [atlas_radio] 180 - audio trouble
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>> Hi,
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>> I reported finding a cracked CA3086 transistor array IC. I had looked
>> online and saw several places that list that chip. But when I logged on
>> to order they tell me it is obsolete and they are out of stock. Oy!
>> Apparently a CA3046 is more available and might be an "improved" version
>> that can substitute for the CA3086. Have any of you replaced a CA3086
>> with a CA 3046? I will resume my hunt for a replacement part today. I
>> hope we don't have to redesign a complete PC300 board using SMD parts or
>> something. I can still get brand new parts for my Johnson Ranger but not
>> for an early 70s Atlas? I suppose I will be obsolete, discontinued, and
>> out of stock soon enough, too.
>>
>> 73,
>>
>> Bill KU8H
>>
>> --
>> bark less - wag more
>>
>>

--
bark less - wag more

1583. Re: [atlas_radio] 180 - audio trouble

Yahoo group: atlas_radio
Date: 2016-12-30 00:44:31 UTC
From: Bill Cromwell
Topic: 1573 Message: 1583

Thanks for the thought Mike. I have new ones coming from Jameco.

73,

Bill KU8H

On 12/29/2016 12:21 PM, MIKE DURKIN Patriot121@... [atlas_radio] wrote:
>
> I think i have a few NTE912's un-opened ..... id haft to look ....
>
>
>
> ---
> *From:* atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on
> behalf of Bill Cromwell wrcromwell@... [atlas_radio]
> <atlas_radio@yahoogroups.com>
> *Sent:* Thursday, December 29, 2016 8:31 AM
> *To:* atlas_radio@yahoogroups.com
> *Subject:* Re: [atlas_radio] 180 - audio trouble
> Thanks John,
>
> The most important feature of the CA3086 is that common emitter pair and
> the balance that is obtained with them on the same substrate. The
> frequency bandwidth this chip accomplishes is not needed since is used
> entirely at audio. Other suggestions have included using discrete
> transistors and paying attention to matching. That would be my last
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> (used to be pennies) and I will have time to search further later today
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> and all the helpful people in this group.
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> 73,
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> Bill KU8H
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> On 12/29/2016 10:58 AM, 'Stroppel, Galo J' galo-stroppel@...
> [atlas_radio] wrote:
> > >
> > > Did you look up a substitute in NTE? I know that a few here find their
> > > parts over priced and no not fit all aplications. But may work here. I
> > > find a NTE912 listed as sub.
> > > John
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> > Get Outlook for Android <https://aka.ms/ghei36>
> <https://aka.ms/ghei36>
>
> Check out Outlook.com ? free, personal email from Microsoft.
> <https://aka.ms/ghei36>
> aka.ms
> Take your email anywhere you go when you add your free, personal,
> Outlook.com webmail to your Android, iPhone, or Windows mobile
> devices. Send and receive messages with mobile mail from Outlook.com
>
>
> >
> > ---
> > *From:* atlas_radio@yahoogroups.com <atlas_radio@yahoogroups.com> on
> > behalf of Bill Cromwell wrcromwell@... [atlas_radio]
> > <atlas_radio@yahoogroups.com>
> > *Sent:* Thursday, December 29, 2016 6:47:30 AM
> > *To:* atlas_radio@yahoogroups.com
> > *Subject:* [atlas_radio] 180 - audio trouble
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> > Hi,
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> > I reported finding a cracked CA3086 transistor array IC. I had looked
> > online and saw several places that list that chip. But when I logged on
> > to order they tell me it is obsolete and they are out of stock. Oy!
> > Apparently a CA3046 is more available and might be an "improved" version
> > that can substitute for the CA3086. Have any of you replaced a CA3086
> > with a CA 3046? I will resume my hunt for a replacement part today. I
> > hope we don't have to redesign a complete PC300 board using SMD parts or
> > something. I can still get brand new parts for my Johnson Ranger but not
> > for an early 70s Atlas? I suppose I will be obsolete, discontinued, and
> > out of stock soon enough, too.
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> > 73,
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> > Bill KU8H
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> > bark less - wag more
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> Yahoo Groups Links
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bark less - wag more

1584. New file uploaded to atlas_radio

Yahoo group: atlas_radio
Date: 2017-01-02 21:28:09 UTC
From: atlas_radio@yahoogroups.com
Topic: 1232 Message: 1584

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 210X Panadapter.pdf
Uploaded by : kiheiman_98 <kiheiman@...>
Description : Detailed document for installing an external panadapter for the Atlas 210/215 radio.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas%20210X%20Panadapter.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

kiheiman_98 <kiheiman@...>

1585. Updated document for panadapter installation on an Atlas 210/215 radio.

Yahoo group: atlas_radio
Date: 2017-01-02 21:40:04 UTC
From: kiheiman@...
Topic: 1585 Message: 1585

I have updated the installation document to include a section for using a HP Stream 7 tablet to run the HDSDR app and provide a LCD display.

73
Clint
W7KEC

1586. Re: [atlas_radio] Digest Number 629

Yahoo group: atlas_radio
Date: 2017-01-03 19:44:14 UTC
From: John Hanson
Topic: 1586 Message: 1586

On Tuesday, January 3, 2017 1:43 AM, "atlas_radio@yahoogroups.com"
<atlas_radio@yahoogroups.com> wrote:

<!--#yiv5024996290 #yiv5024996290ygrp-mkp {border:1px solid
#d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv5024996290
#yiv5024996290ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv5024996290 #yiv5024996290ygrp-mkp
#yiv5024996290hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px
0;}#yiv5024996290 #yiv5024996290ygrp-mkp #yiv5024996290ads
{margin-bottom:10px;}#yiv5024996290 #yiv5024996290ygrp-mkp .yiv5024996290ad {padding:0
0;}#yiv5024996290 #yiv5024996290ygrp-mkp .yiv5024996290ad p {margin:0;}#yiv5024996290
#yiv5024996290ygrp-mkp .yiv5024996290ad a
{color:#0000ff;text-decoration:none;}#yiv5024996290 #yiv5024996290ygrp-sponsor
#yiv5024996290ygrp-lc {font-family:Arial;}#yiv5024996290 #yiv5024996290ygrp-sponsor
#yiv5024996290ygrp-lc #yiv5024996290hd {margin:10px
0px;font-weight:700;font-size:78%;line-height:122%;}#yiv5024996290
#yiv5024996290ygrp-sponsor #yiv5024996290ygrp-lc .yiv5024996290ad
{margin-bottom:10px;padding:0 0;}--> Atlas Radio Atlas Radio Group
2 Messages
Digest #629 1a New file uploaded to atlas_radio by 2 Updated document for panadapter
installation on an Atlas 210/215 rad by kiheiman_98
Messages

1a

New file uploaded to atlas_radio

Mon Jan 2, 2017 1:28 pm (PST) . Posted by:

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the atlas_radio
group.

File : /Atlas 210X Panadapter.pdf
Uploaded by : kiheiman_98 <kiheiman@...>
Description : Detailed document for installing an external panadapter for the Atlas 210/215
radio.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/atlas_radio/files/Atlas%20210X%20Panadapter.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

kiheiman_98 <kiheiman@q.com>

Reply to sender . Reply to group . Reply via Web Post . All Messages (19) . Top ^
2

Updated document for panadapter installation on an Atlas 210/215 rad

Mon Jan 2, 2017 1:40 pm (PST) . Posted by:

kiheiman_98
I have updated the installation document to include a section for using a HP Stream 7 tablet to run the HDSDR app and provide a LCD display.

73
Clint
W7KEC
Reply to sender . Reply to group . Reply via Web Post . All Messages (1) . Top ^ Visit Your Group
• Privacy • Unsubscribe • Terms of Use

1587. 180 audio success

Yahoo group: atlas_radio
Date: 2017-01-05 22:32:04 UTC
From: Bill Cromwell
Topic: 1587 Message: 1587

Hi,

The new parts arrived and I did some work on the PC-300 board. The wild oscillations are now *gone* :)

I have been recovering this radio from several years on the shelf. The CW function was already working well after repairing the PC-600 board with the open cap. I jerry-rigged a mic and adjusted the balance & phasing controls. The radio now works 100 per cent except that the power supply can't push it to full output. I will be playing with it on the air at about half power until I get the bigger power supply running (or drag that truck battery closer to the table).

Thanks for the help locating the replacement parts and the encouragement.

73,

Bill KU8H

--
bark less - wag more

1588. Re: 180 audio success

Yahoo group: atlas_radio
Date: 2017-01-06 13:45:28 UTC
From: toledohamradio@...
Topic: 1587 Message: 1588

Hi,
Do you recommend taking the scorched Earth approach of replacing all electrolytic capacitors in the Atlas 180, 210 and 215 units, or wait until it's an obvious need?
73,
John

1589. Re: [atlas_radio] Re: 180 audio success

Yahoo group: atlas_radio
Date: 2017-01-06 15:16:00 UTC
From: Bill Cromwell
Topic: 1587 Message: 1589

Hi,

The short answer is at the end. I have some gear that uses vacuum tubes. First of all that, gear (and the caps) are much older. The voltages in the gear are much higher. Failures can be more catastrophic. I still don't replace them all 'just because'. The Rip VanWinkle syndrome (sitting on the shelf a sleep for decades) is hardest on electrolytic caps and on some resistors. The resistors can absorb some moisture that regular, daily operation will keep burned off. This Atlas that I have been working on sat unused for a couple of decades. I have not found a need to replace any of the caps - yet. I thought a bad cap might be the cause of my oscillation. I was using the bright light and magnifying glass to help find signs of swelling caps, burned resistors, and bad/fatigued solder joints on the PC-300 card. That was when I noticed the crack on that IC.

The large electrolytics in power supplies for Vacuum tube gear can be especially catastrophic with rapid, progressive damage to other components - they usually fail shorted. I pay close attention to those and I have changed a number of them if I observed *any* anomaly. For Rip VanWinkle radios I check them out and massage them without just casually applying power. Many of them are just fine after a gentle 'wake up'.

The old paper caps are the worst offenders. They were never as good, even when they were brand new, as more modern caps are when aged. I replace those en mass in the old gear. It's like the fountain of youth for them. I find up to half of the resistors in old, Rip VanWinkle gear are far out of tolerance. Those are easy enough to check and they almost always go high in resistance so no fireworks from short circuits.

The short answer to your question is no. Performance and voltage measurements (as well as smoke) will tell if we need to think about replacing parts.

73,

Bill KU8H

On 01/06/2017 08:45 AM, toledohamradio@... [atlas_radio] wrote:
>
> Hi,
>
> Do you recommend taking the scorched Earth approach of replacing all
> electrolytic capacitors in the Atlas 180, 210 and 215 units, or wait
> until it's an obvious need?
>
> 73,

>
> John
>
>

--
bark less - wag more

1590. PA Power Transistors

Yahoo group: atlas_radio
Date: 2017-01-06 22:23:57 UTC
From: kiheiman@...
Topic: 1590 Message: 1590

There is a listing on eBay for a matched set of SD1405 power transistors. These are very good replacements for the MRF454s. I have a set of the 1405s in my 210X LE radio and can get 100+ watts out on all bands, including 10M. I have dealt with the eBay seller before - very honest person.
SD1405 Transistor, Matched Pair, in original factory packaging | eBay http://www.ebay.com/itm/SD1405-Transistor-Matched-Pair-in-original-factory-packaging-/291993371120?hash=item43fc2941f0:g:VDIAAOSwEzxYcACL

73
Clint
W7KEC

http://www.ebay.com/itm/SD1405-Transistor-Matched-Pair-in-original-factory-packaging-/291993371120?hash=item43fc2941f0:g:VDIAAOSwEzxYcACL

SD1405 Transistor, Matched Pair, in original factory pac... http://www.ebay.com/itm/SD1405-Transistor-Matched-Pair-in-original-factory-packaging-/291993371120?hash=item43fc2941f0:g:VDIAAOSwEzxYcACL New old-stock, in original ST Micro factory packaging. SD1405 is primarily used for HF radio applications, and was often used as a substitute for Motorola MRF454 t...

View on www.ebay.com http://www.ebay.com/itm/SD1405-Transistor-Matched-Pair-in-original-factory-packaging-/291993371120?hash=item43fc2941f0:g:VDIAAOSwEzxYcACL
Preview by Yahoo